

FIG. 1

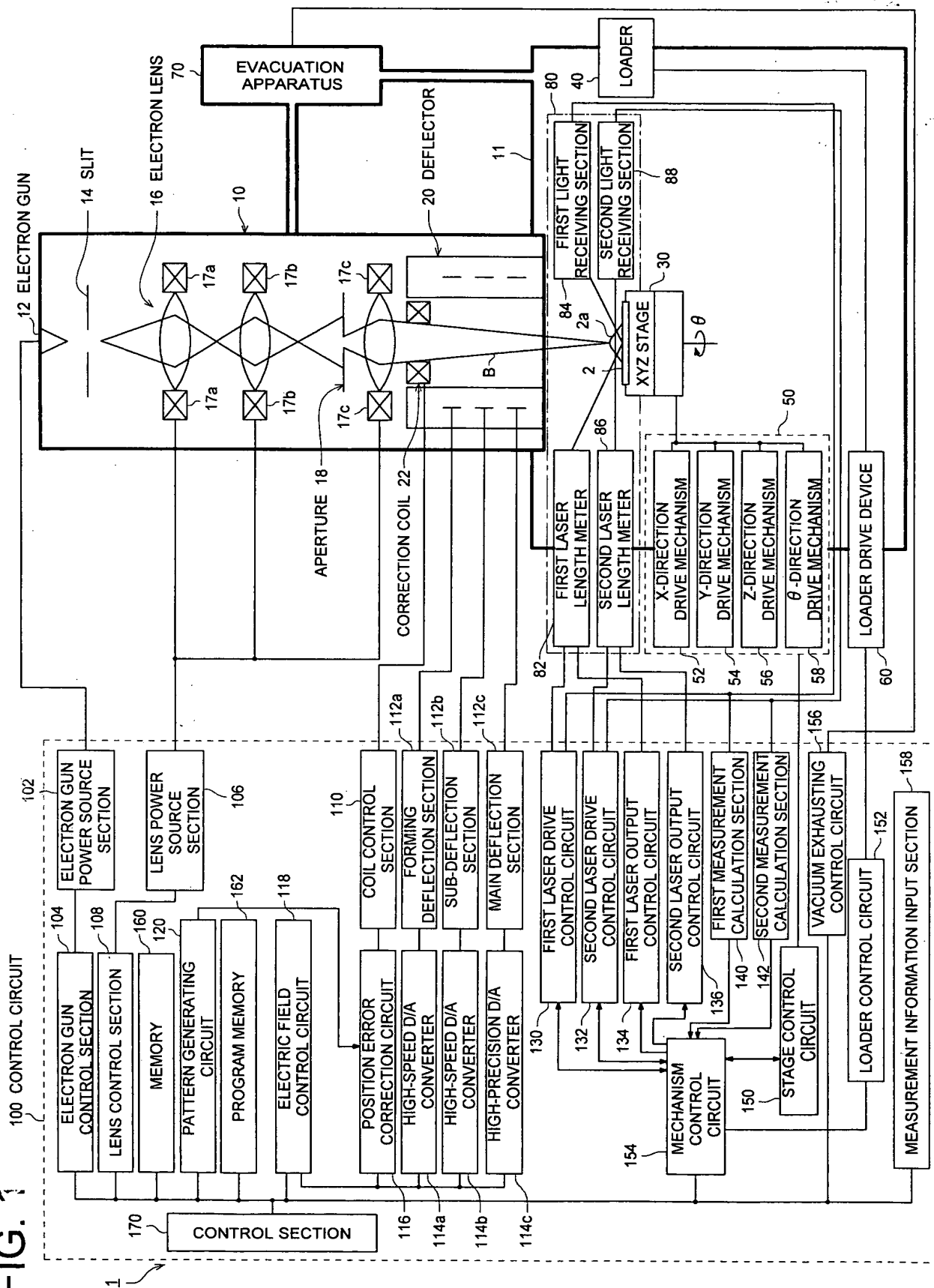


FIG. 2 (A)

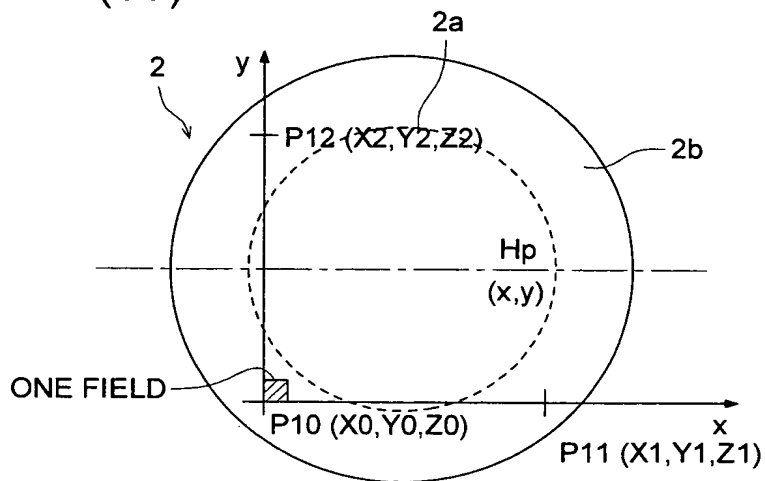


FIG. 2 (B)

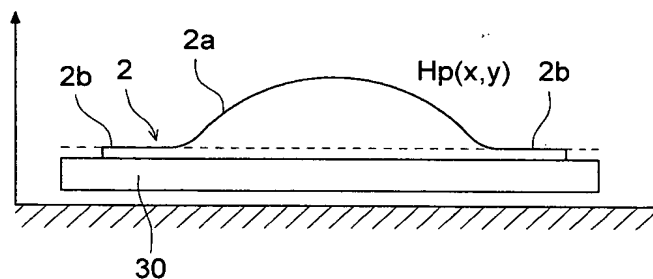
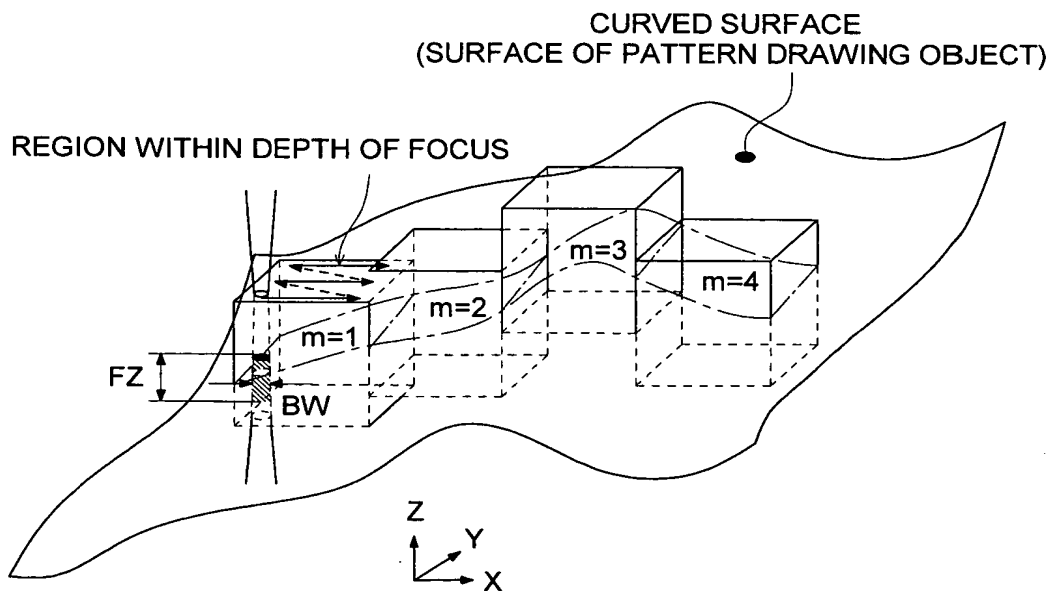


FIG. 2 (C)



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FIG. 3

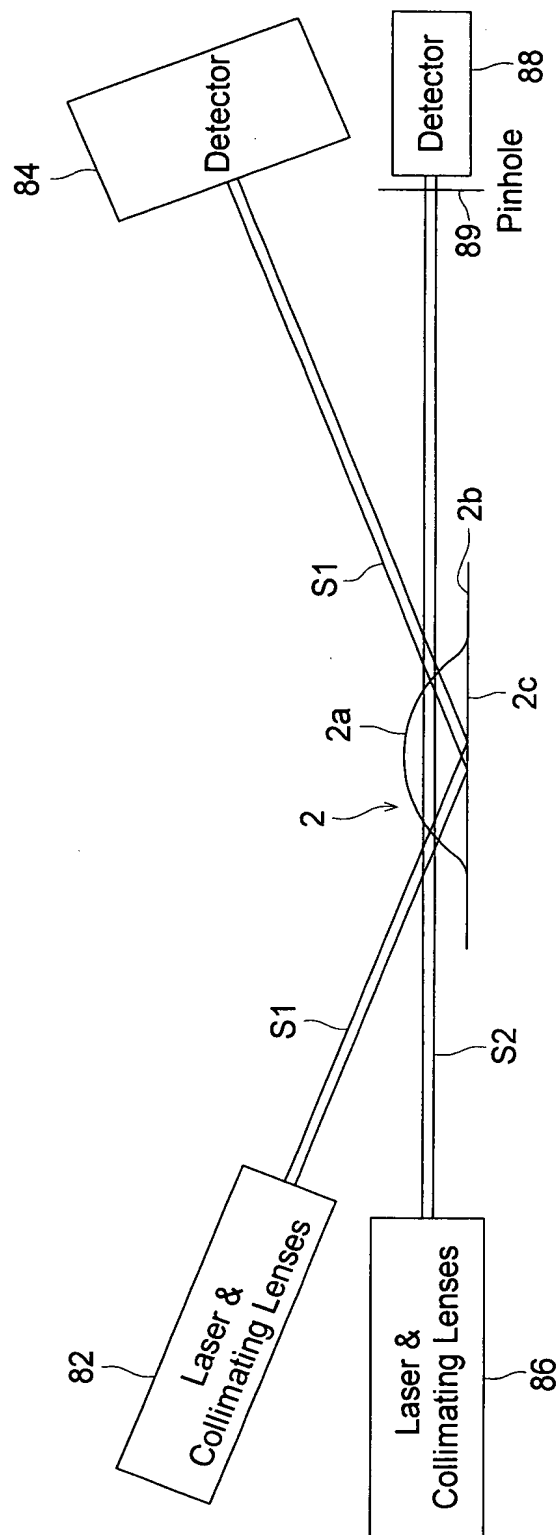


FIG. 4

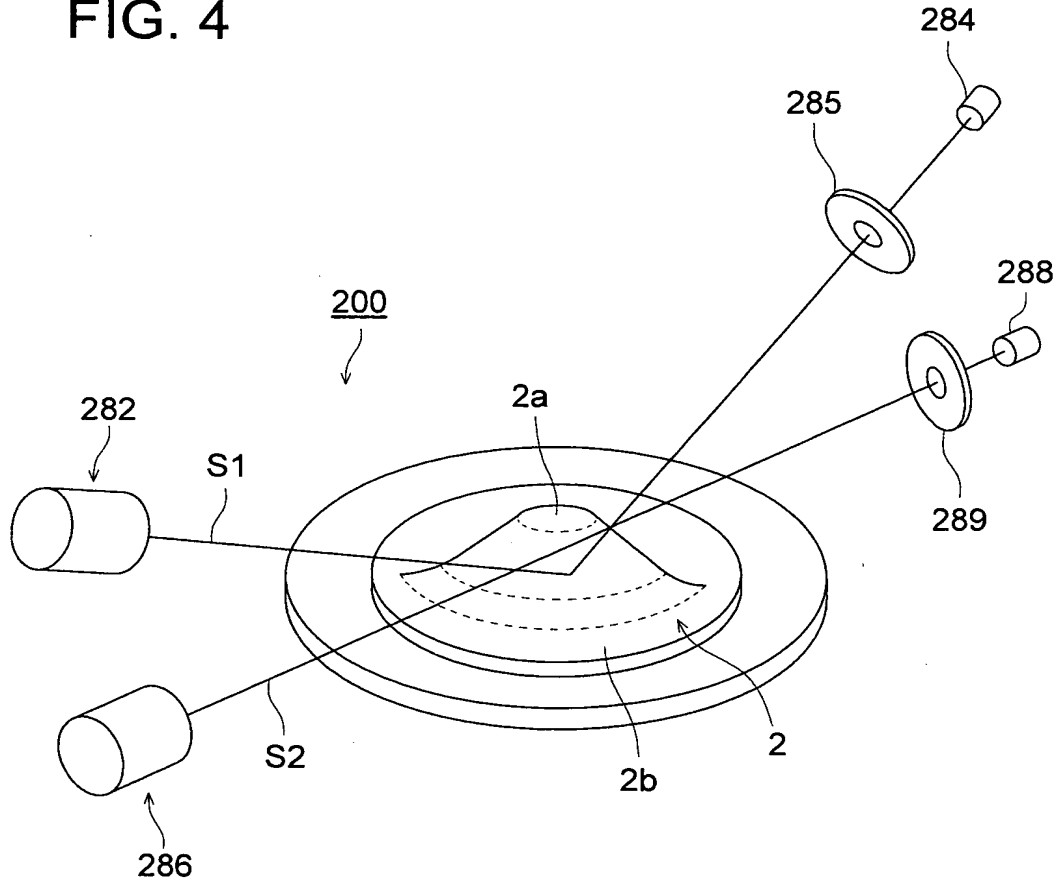


FIG. 5 (A)

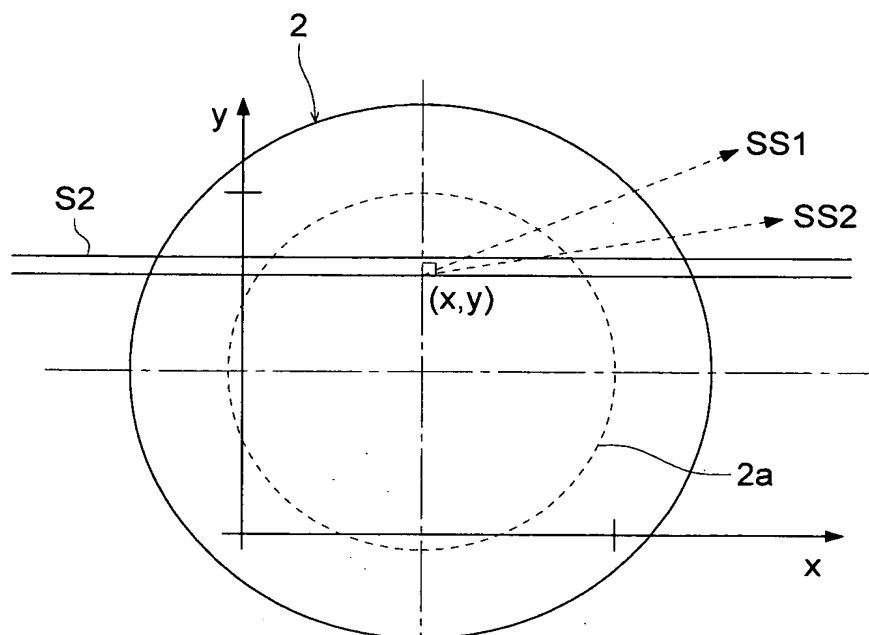


FIG. 5 (B)

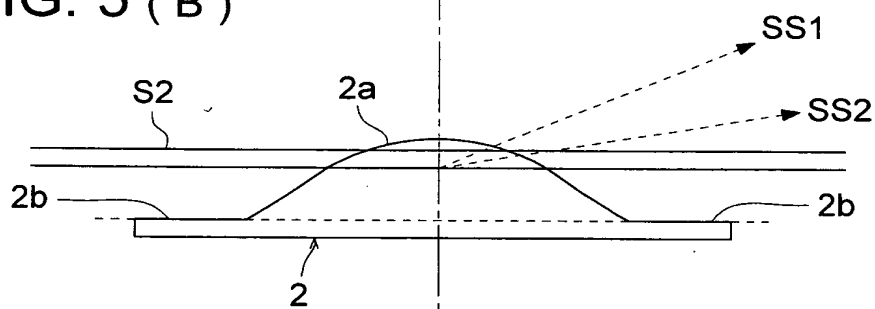
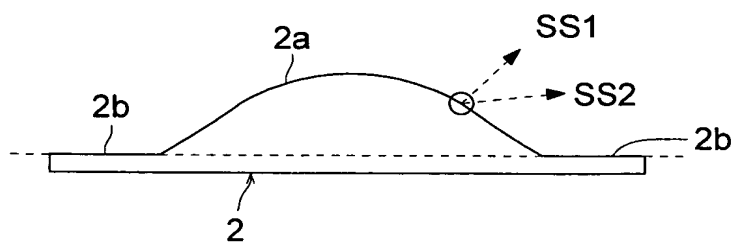


FIG. 5 (c)



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FIG. 6

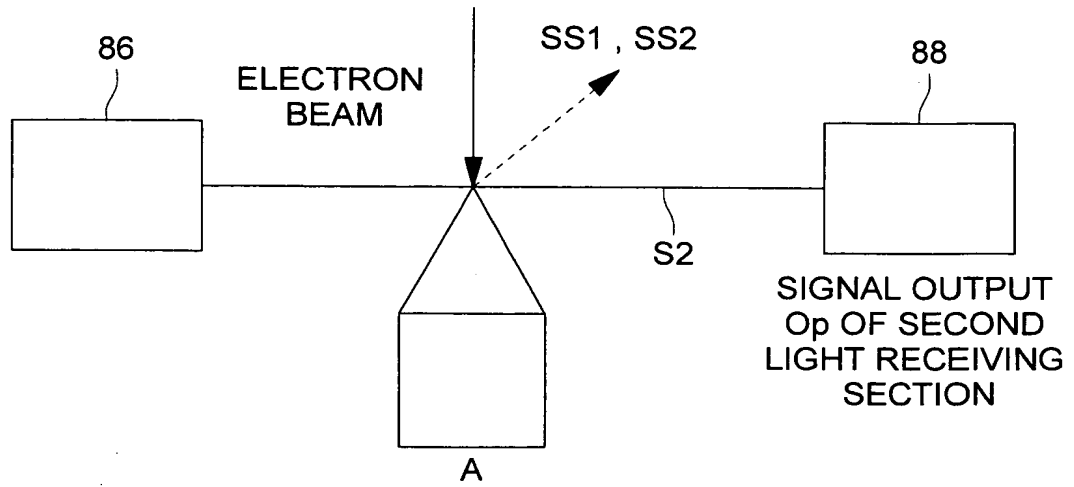


FIG. 7

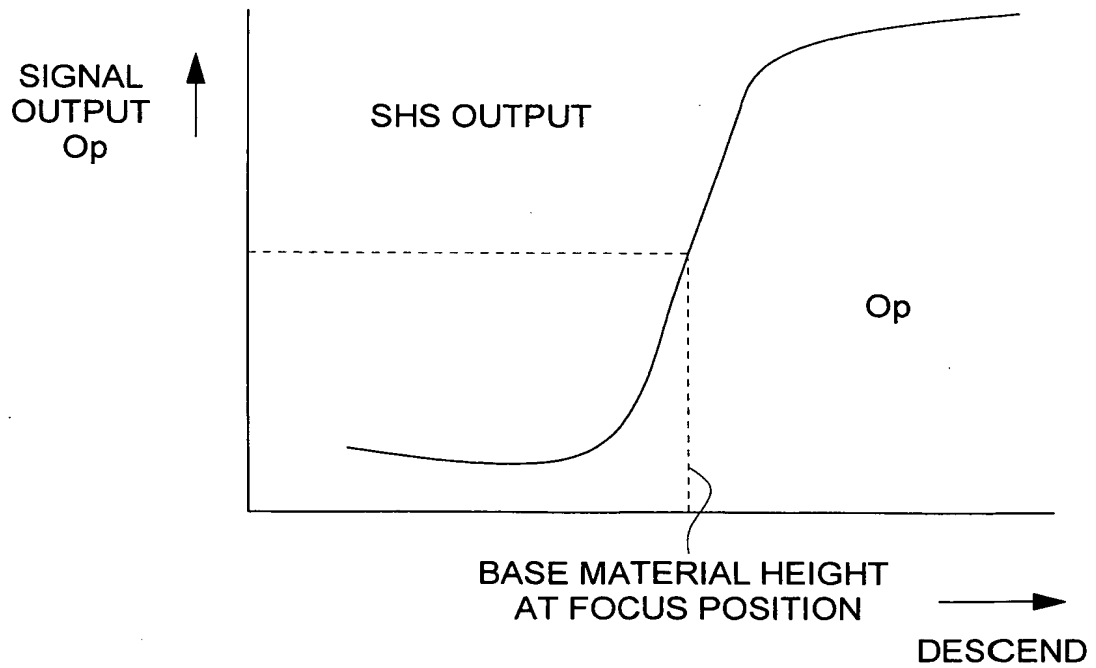
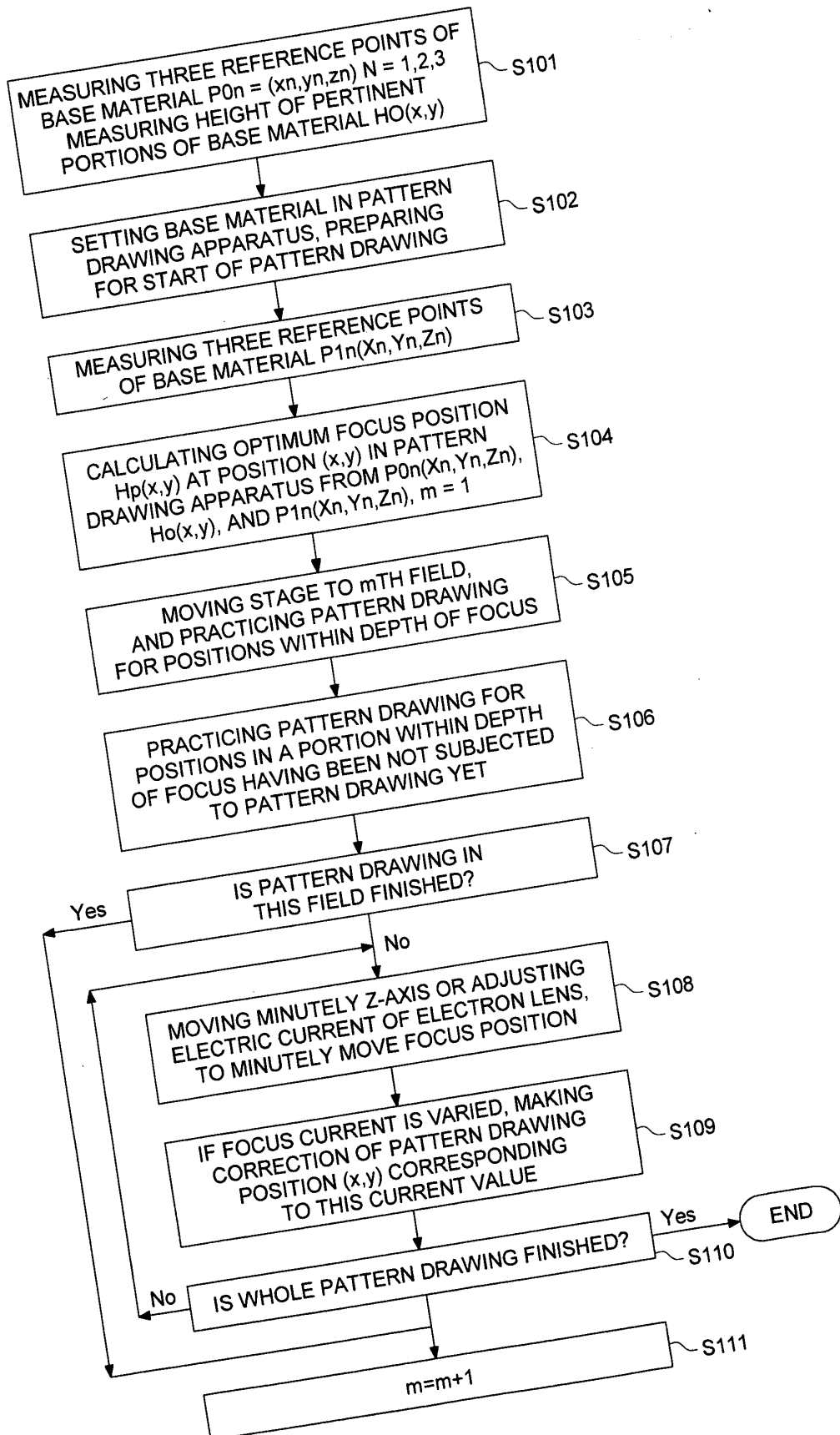
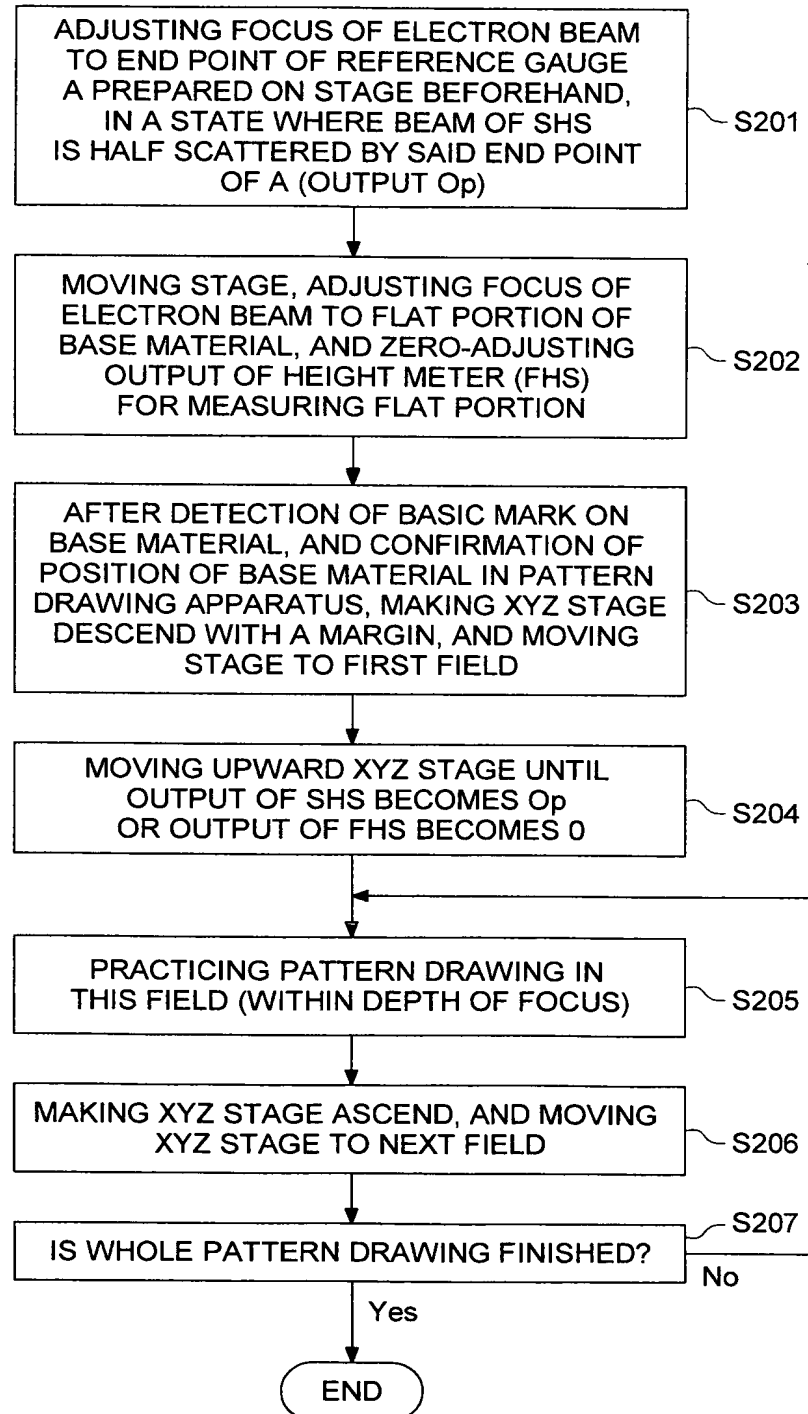


FIG. 8



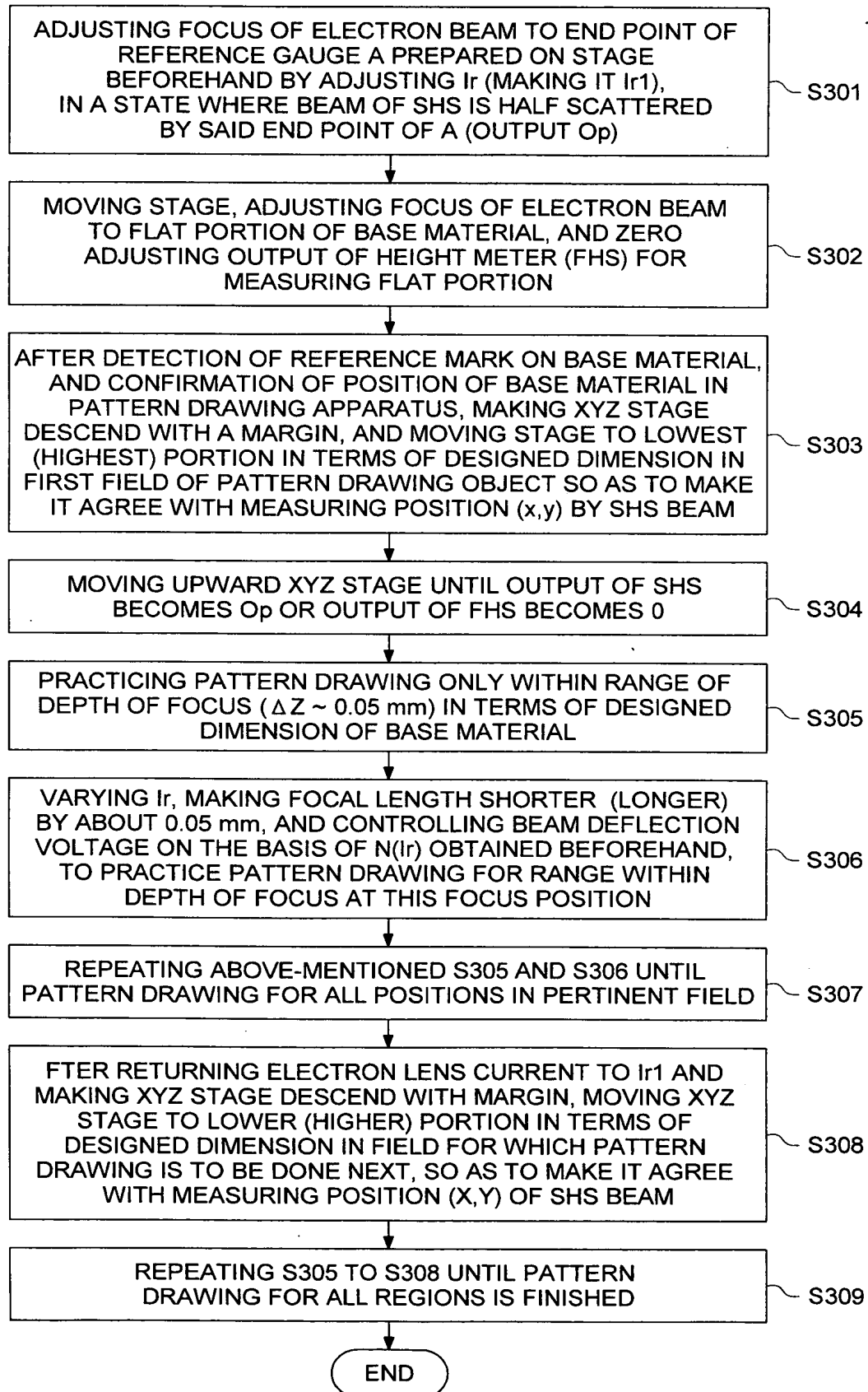
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FIG. 9



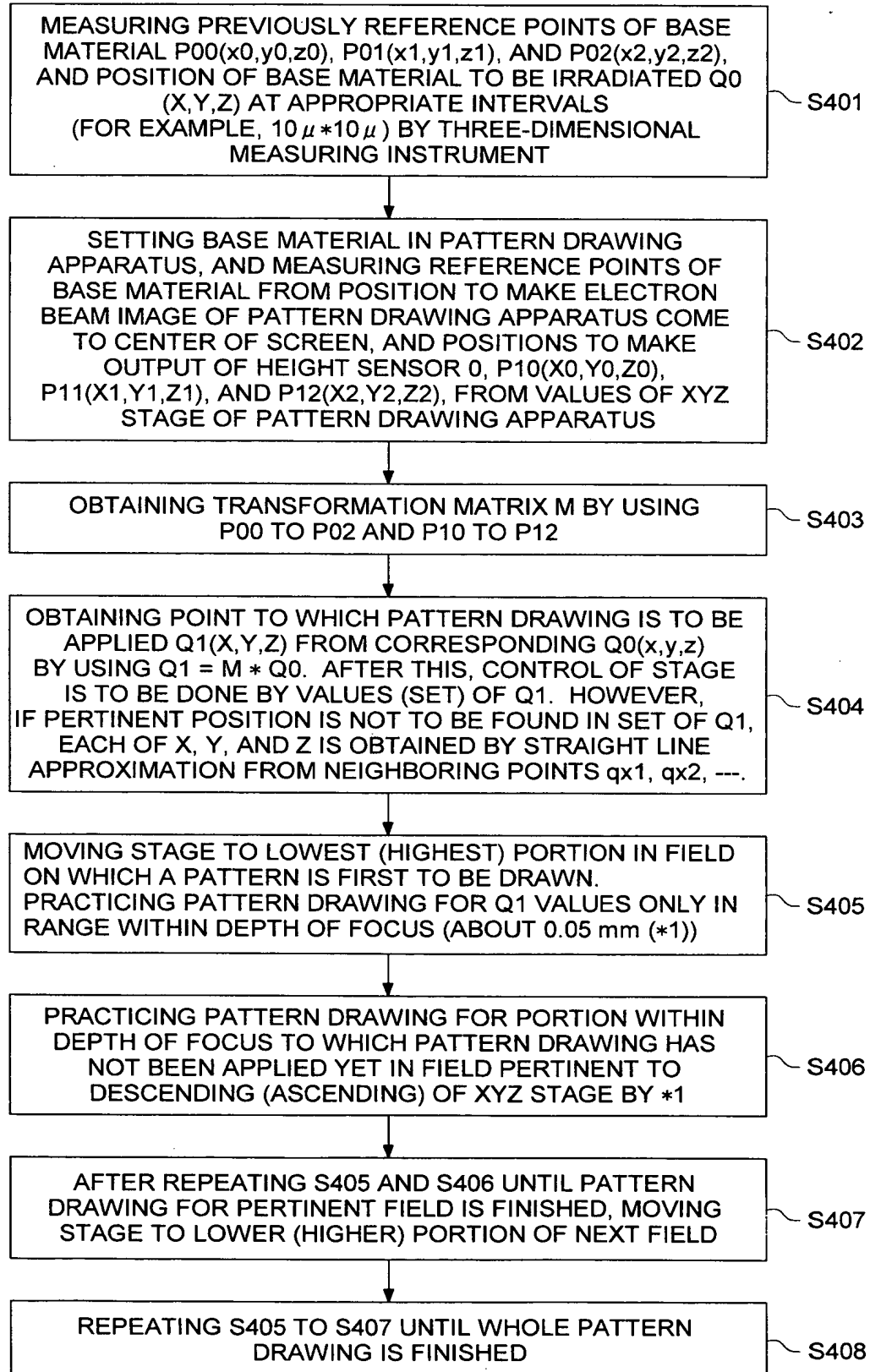
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FIG. 10



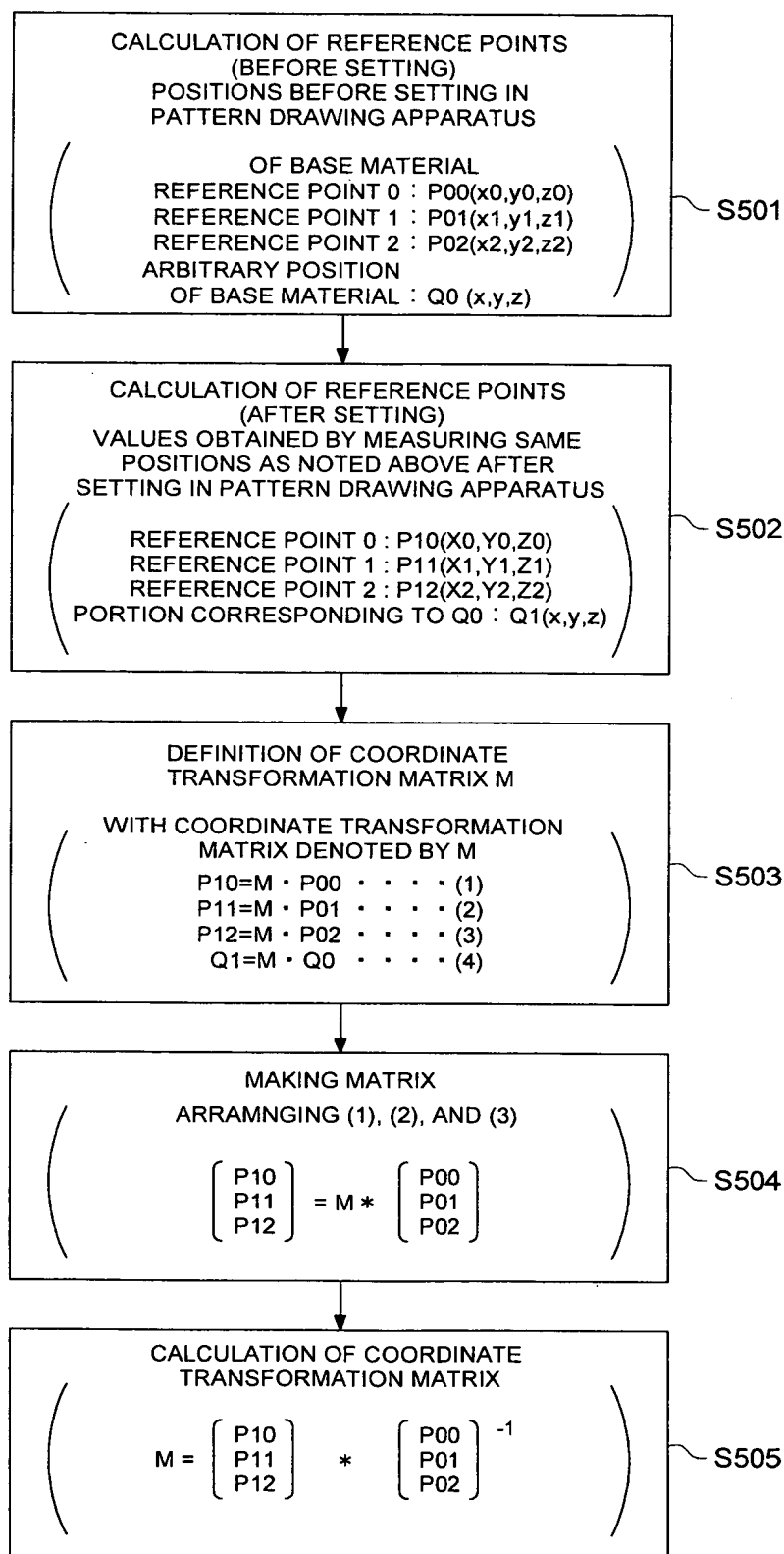
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FIG. 11



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FIG. 12



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FIG. 13 (A)



FIG. 13 (B)

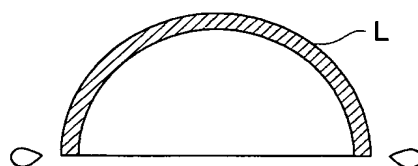


FIG. 13 (C)

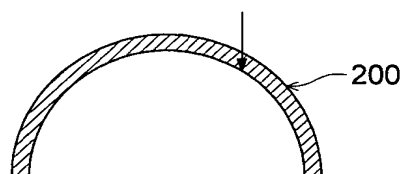


FIG. 13 (D)

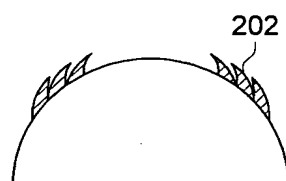


FIG. 13 (E)

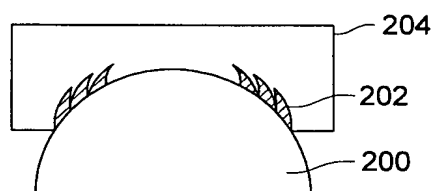
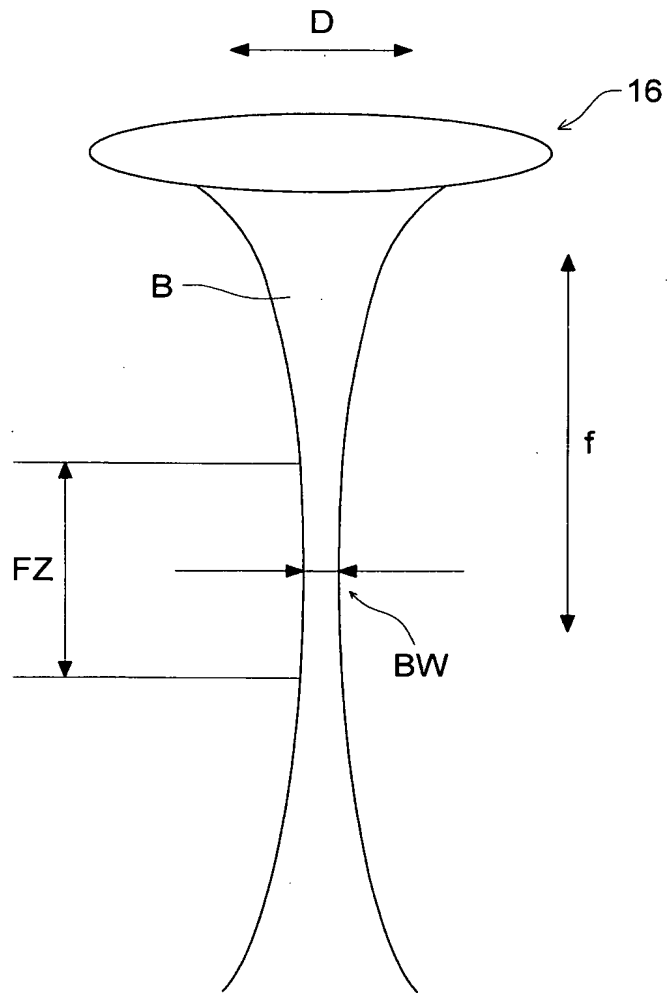


FIG. 13 (F)



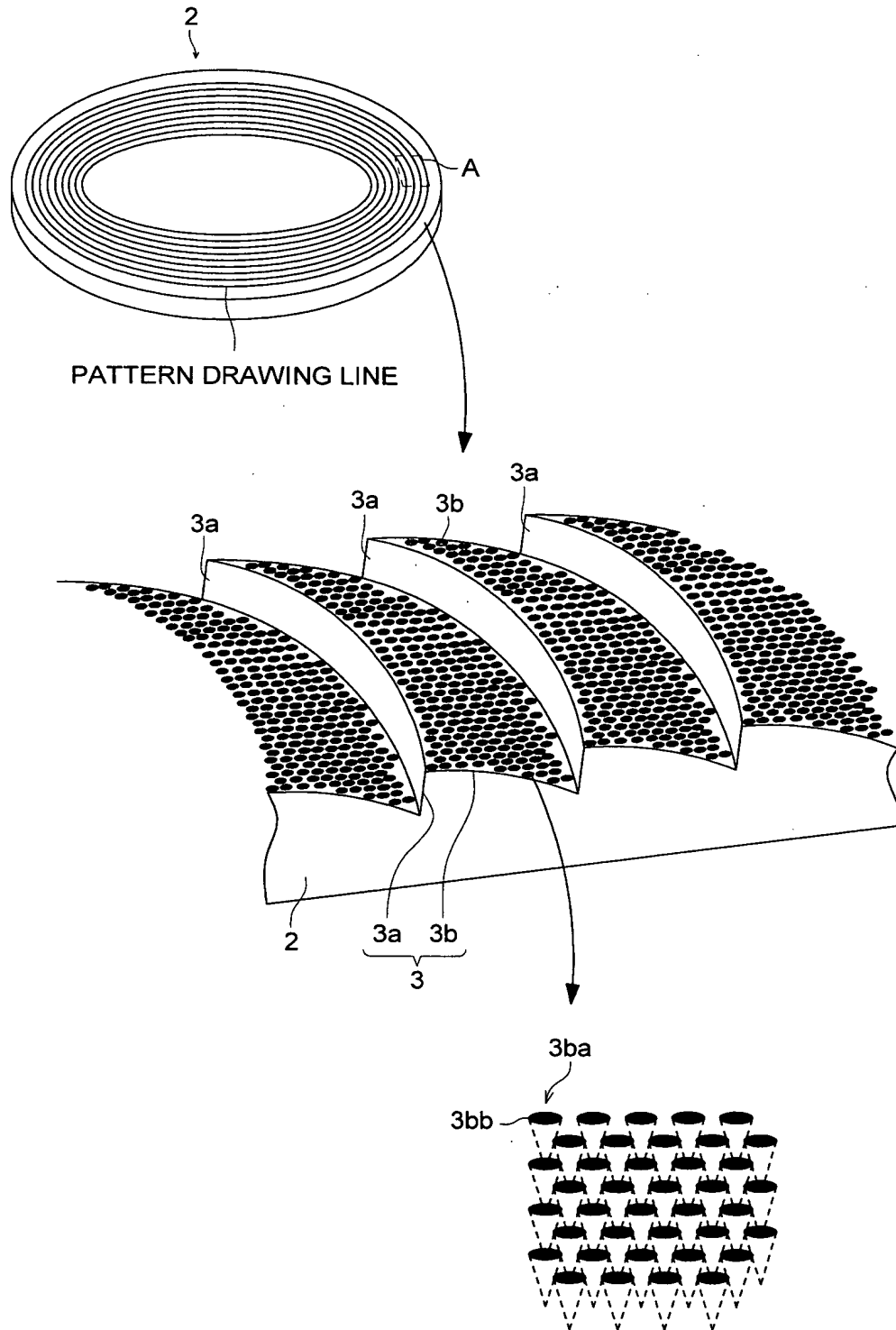
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FIG. 14



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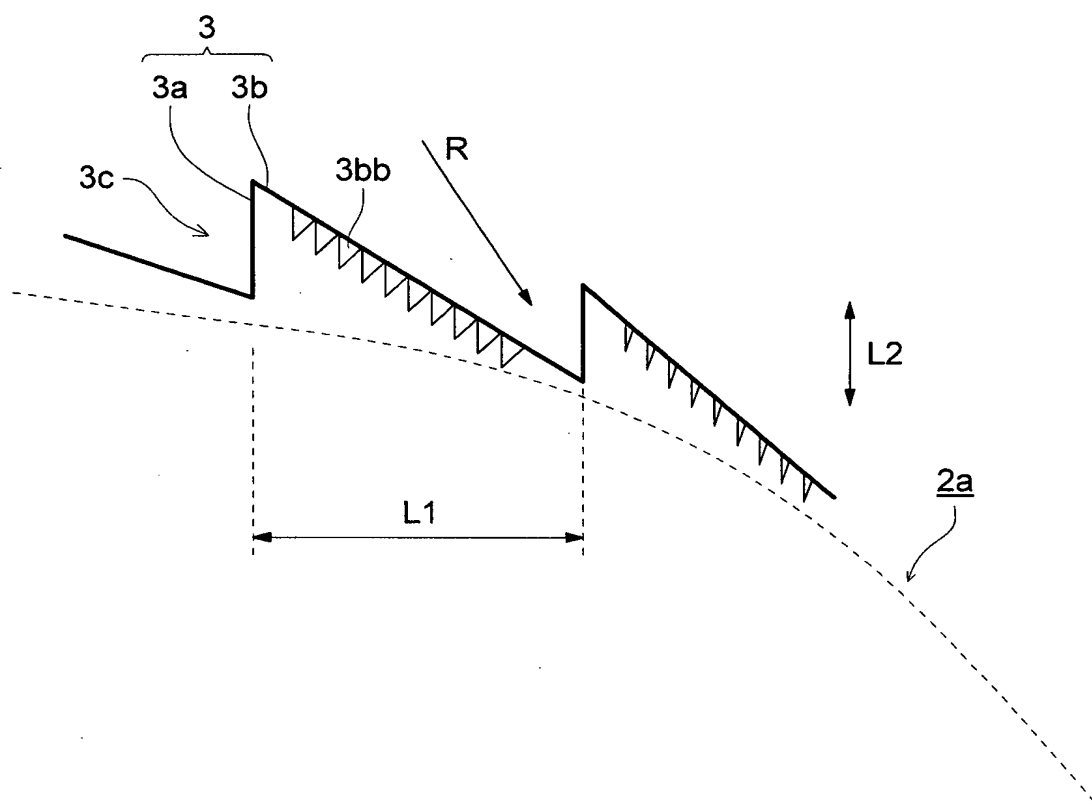
FIG. 15



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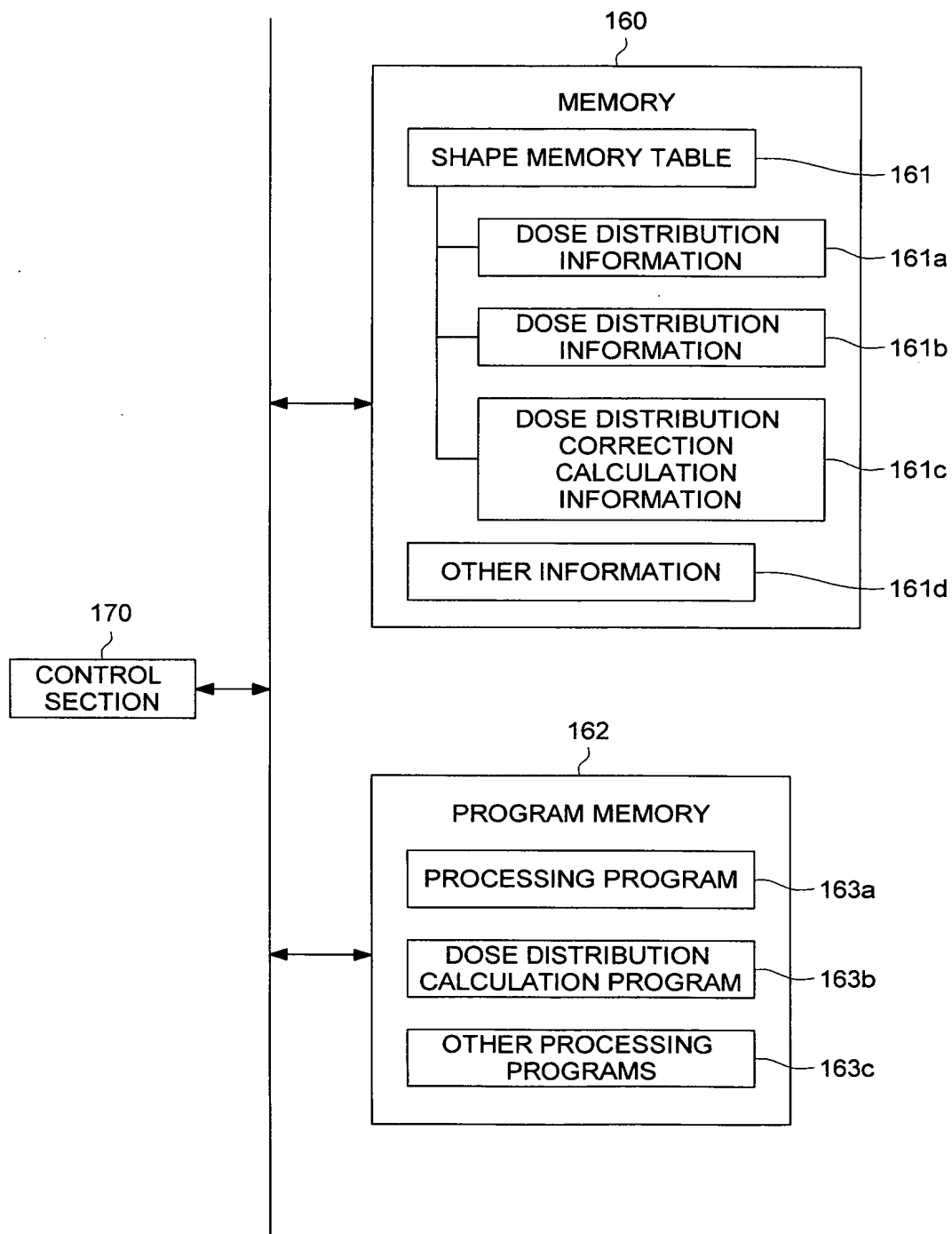
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FIG. 16



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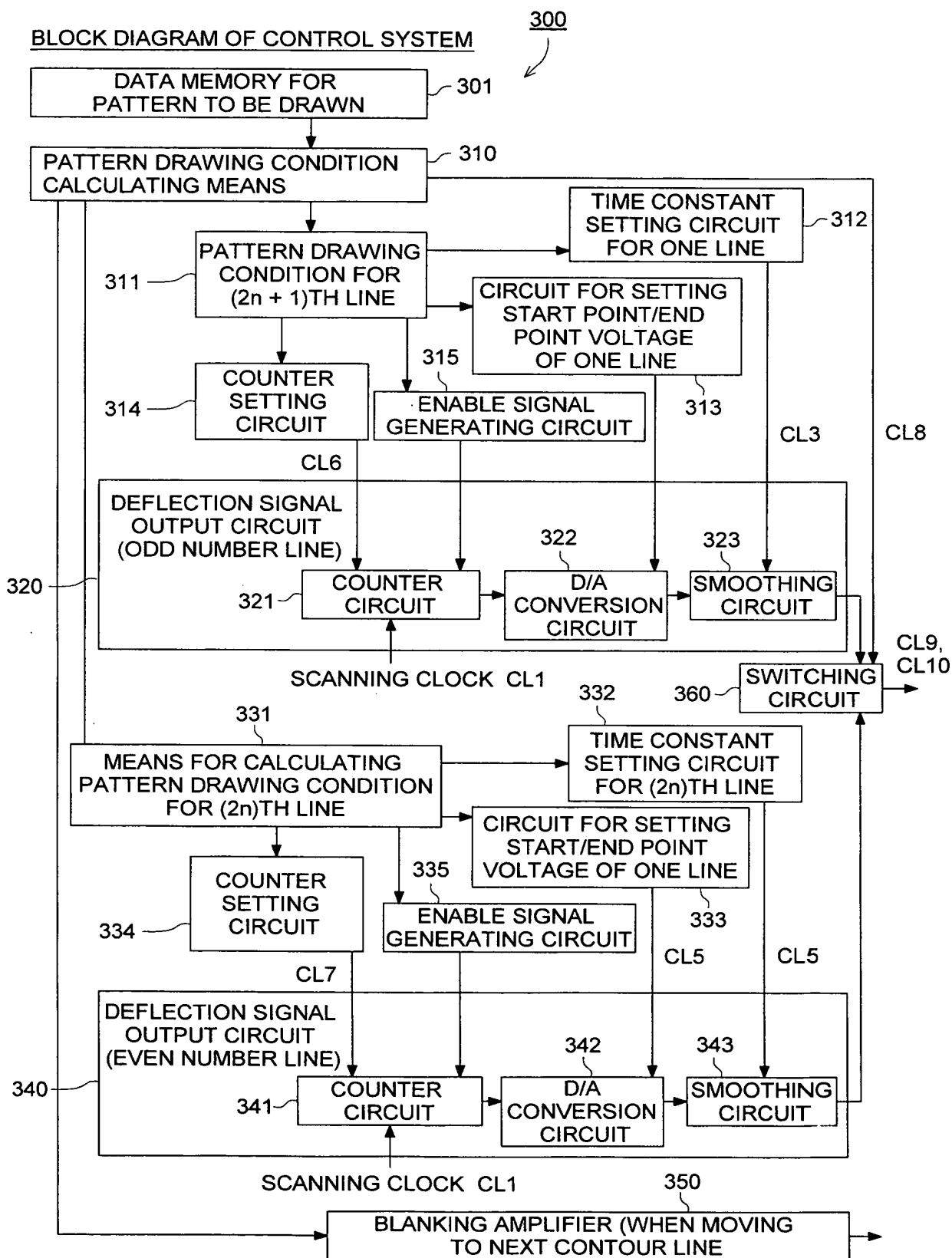
FIG. 17



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FIG. 18

BLOCK DIAGRAM OF CONTROL SYSTEM



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FIG. 19

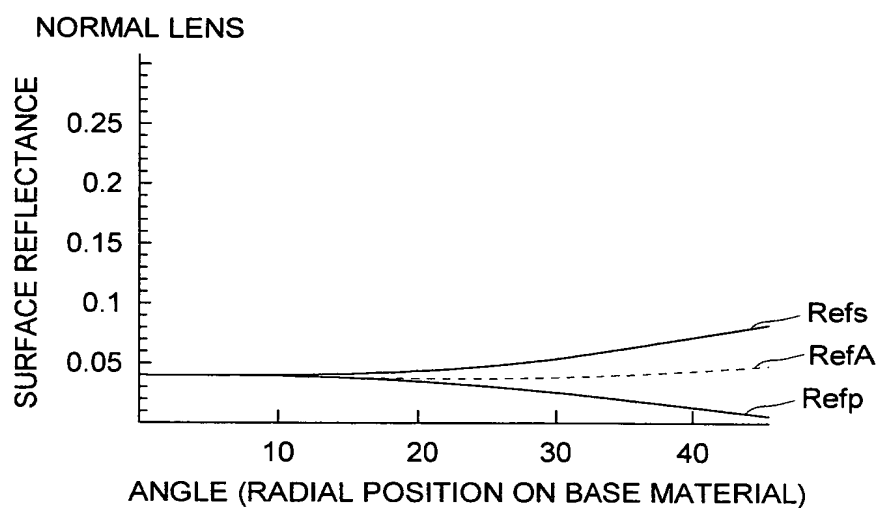


FIG. 20

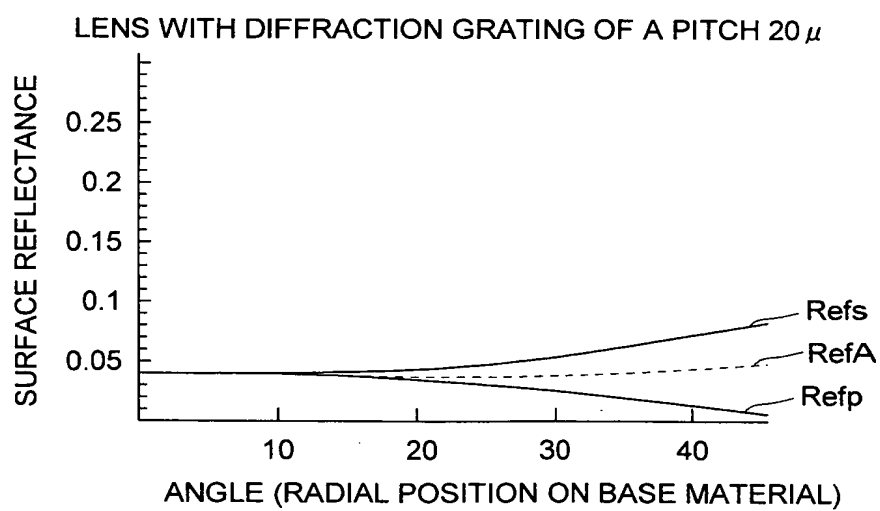


FIG. 21

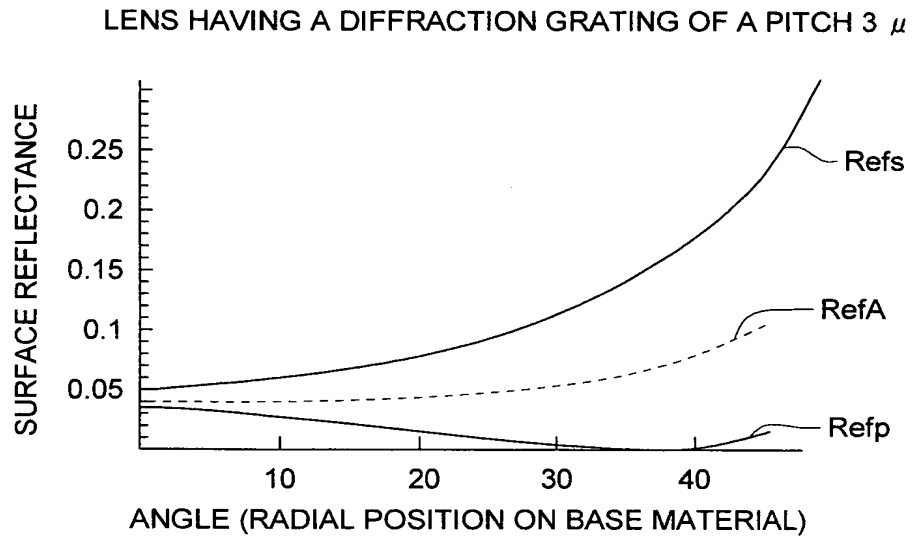


FIG. 22

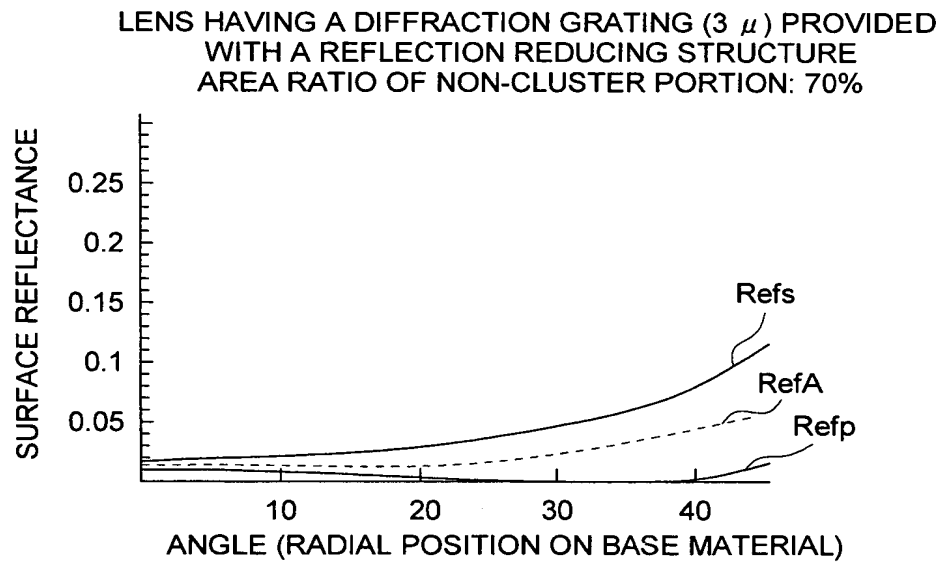


FIG. 23

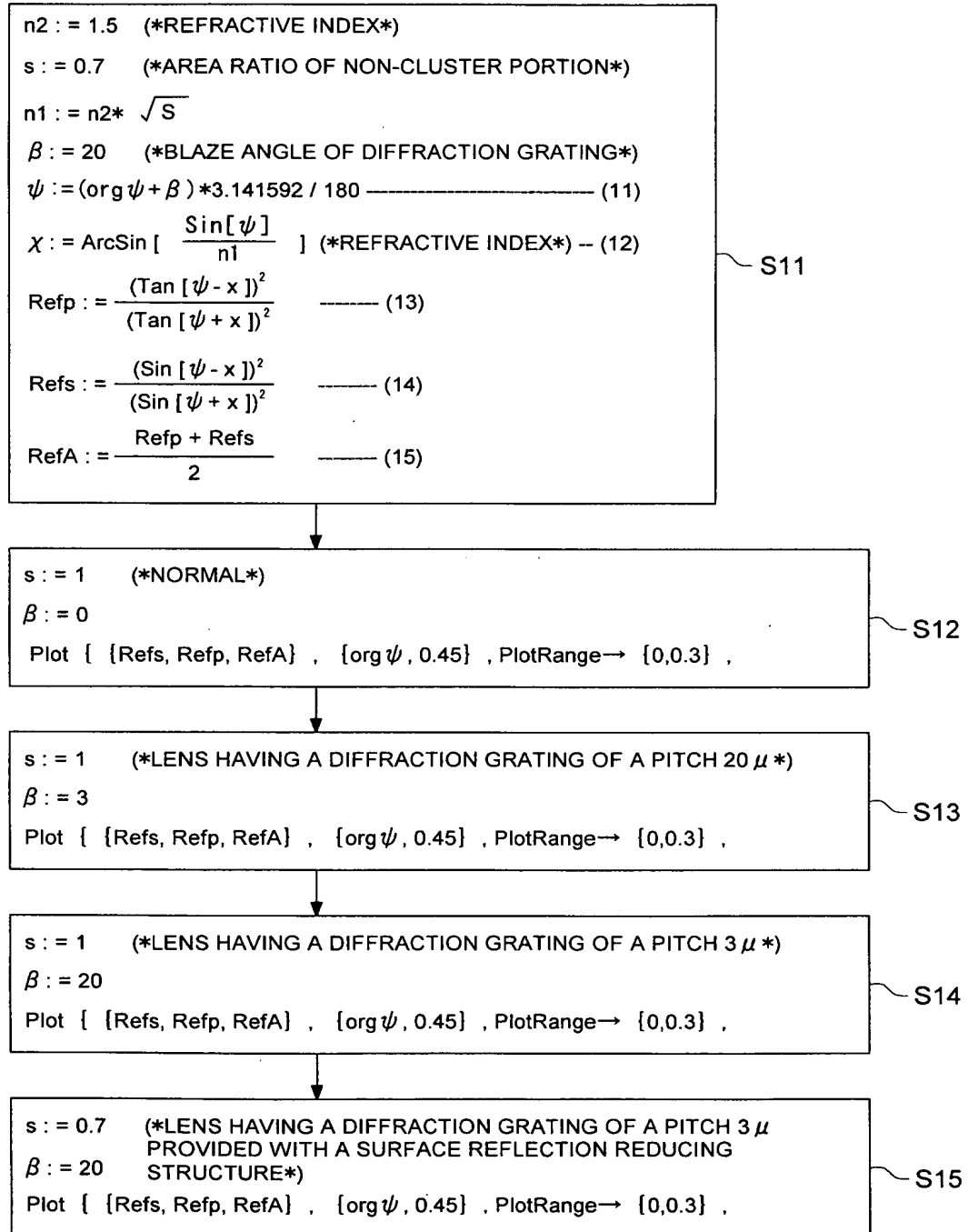
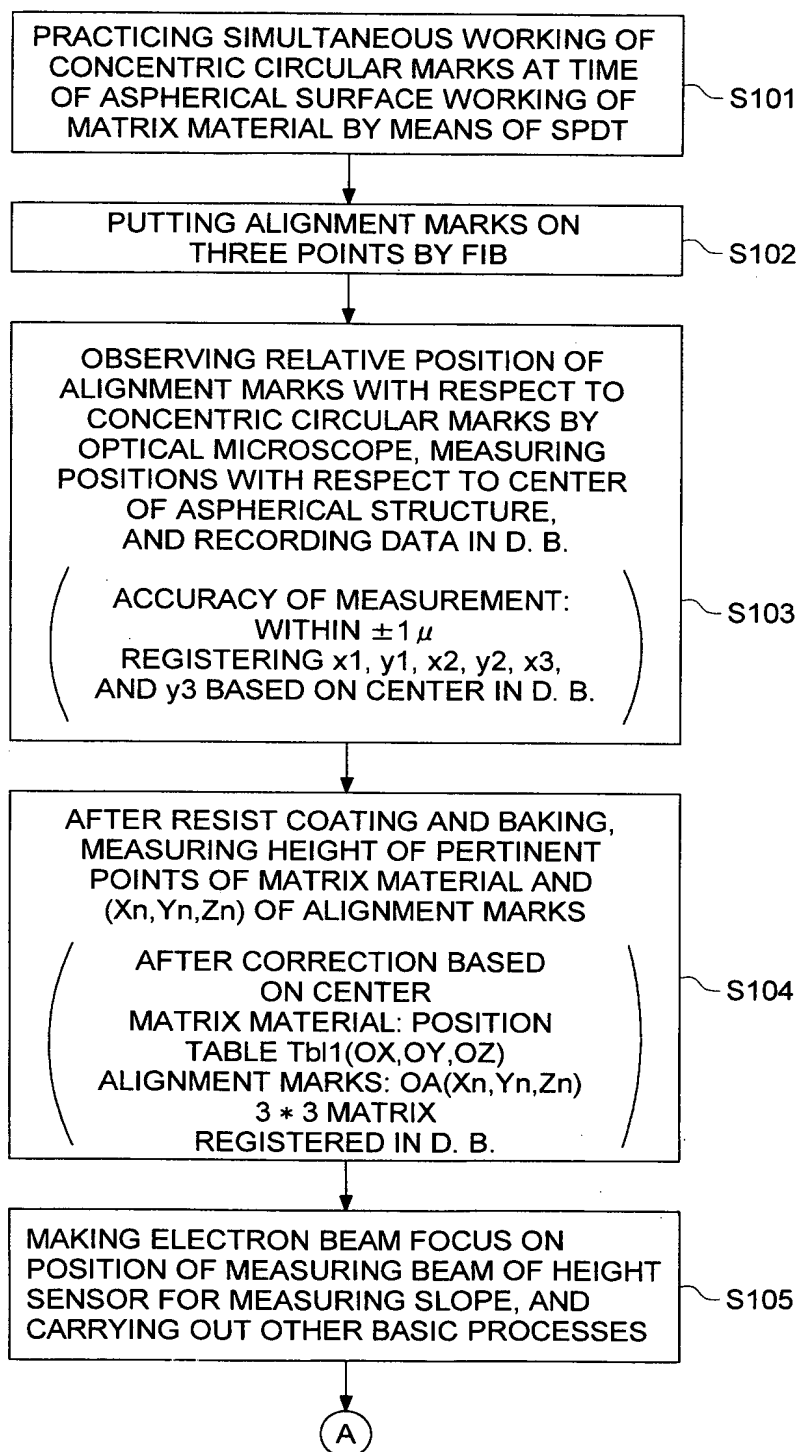
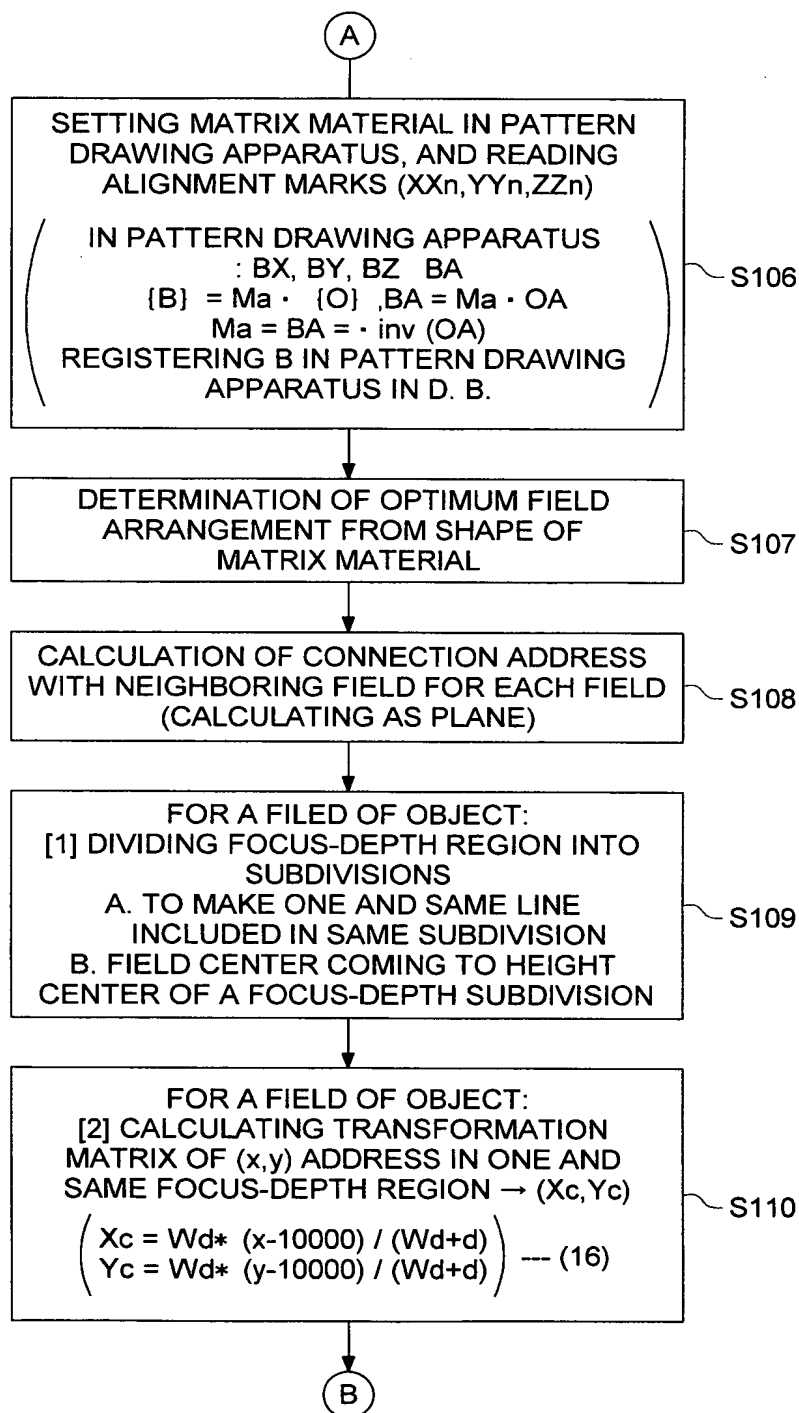


FIG. 24



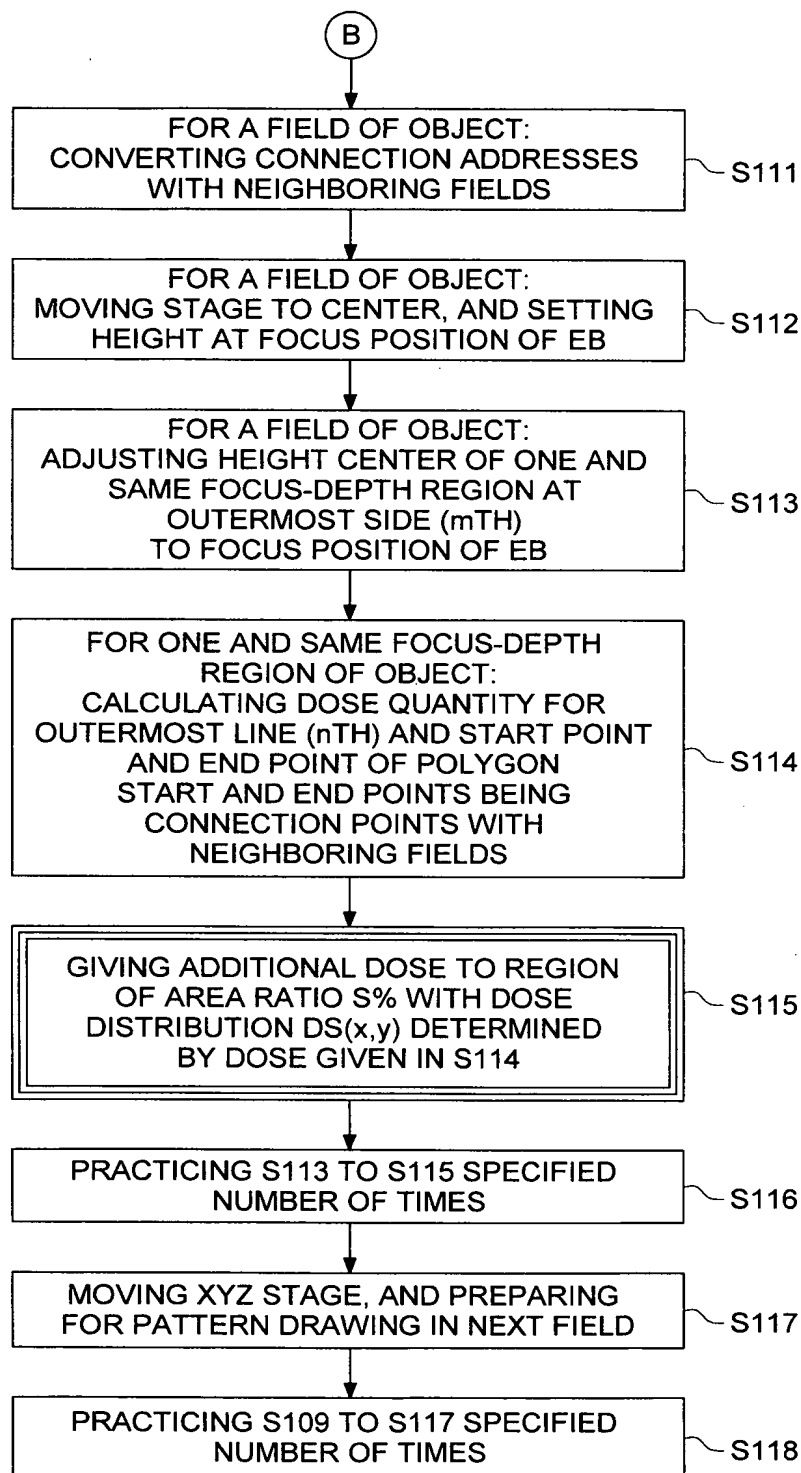
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FIG. 25



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FIG. 26



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FIG. 27 (A)

PATTERN TO BE DRAWN

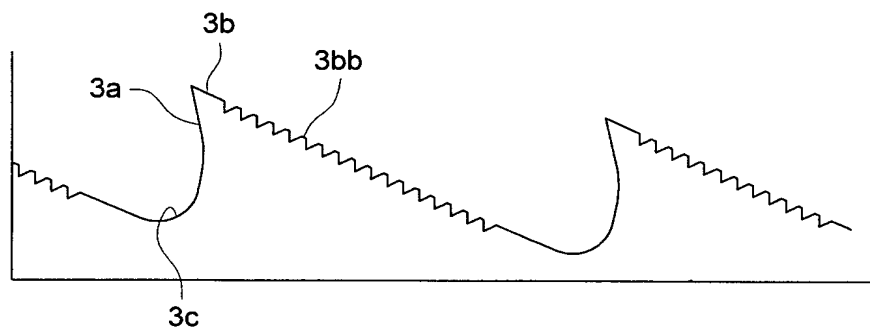


FIG. 27 (B)

DOSE DISTRIBUTION

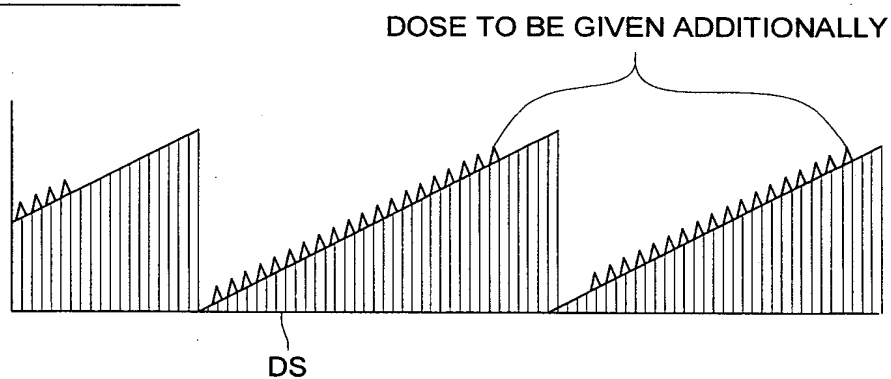


FIG. 28 (A)

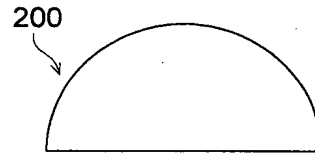


FIG. 28 (B)

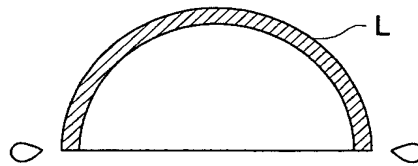


FIG. 28 (C)

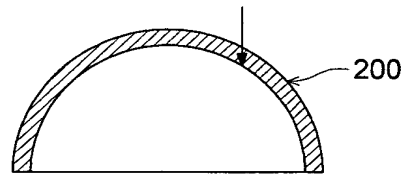


FIG. 28 (D)

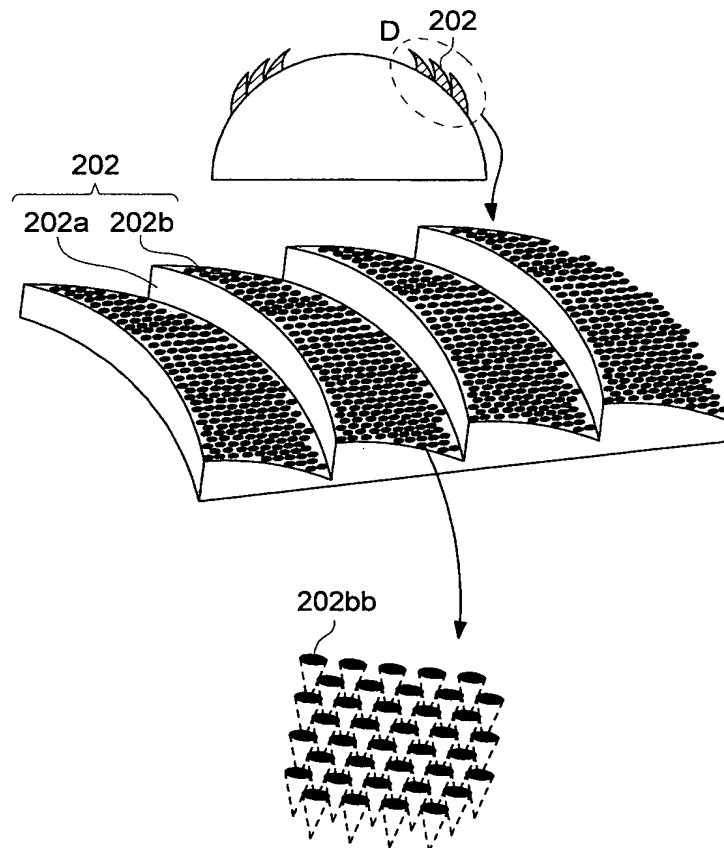


FIG. 29 (A)

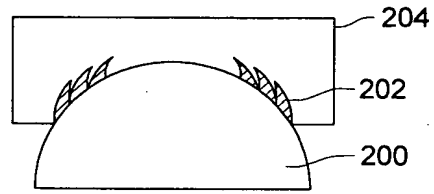


FIG. 29 (B)

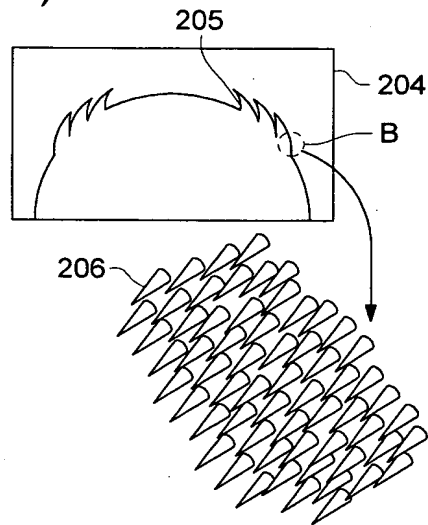


FIG. 29 (C)

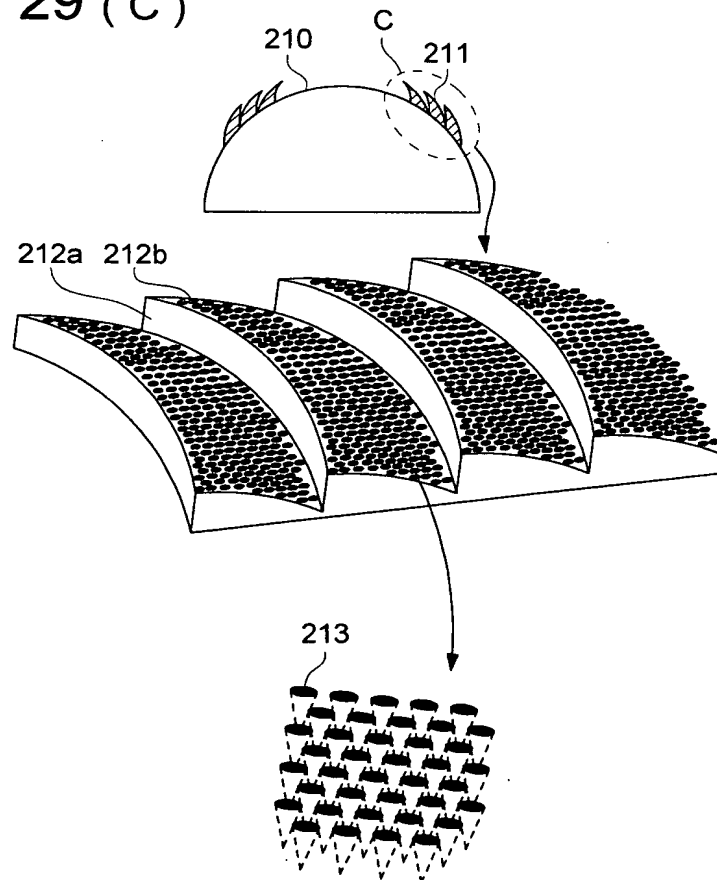
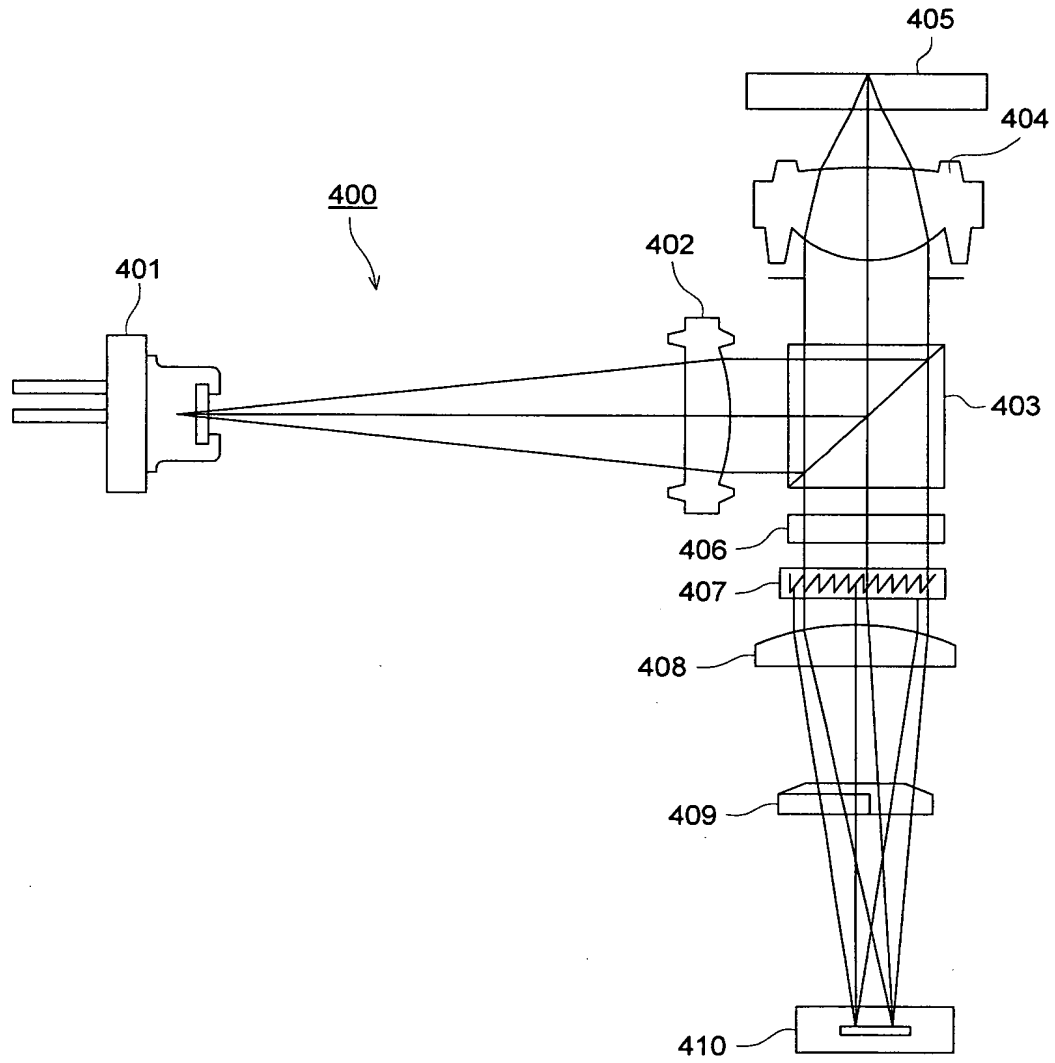


FIG. 30



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FIG. 31

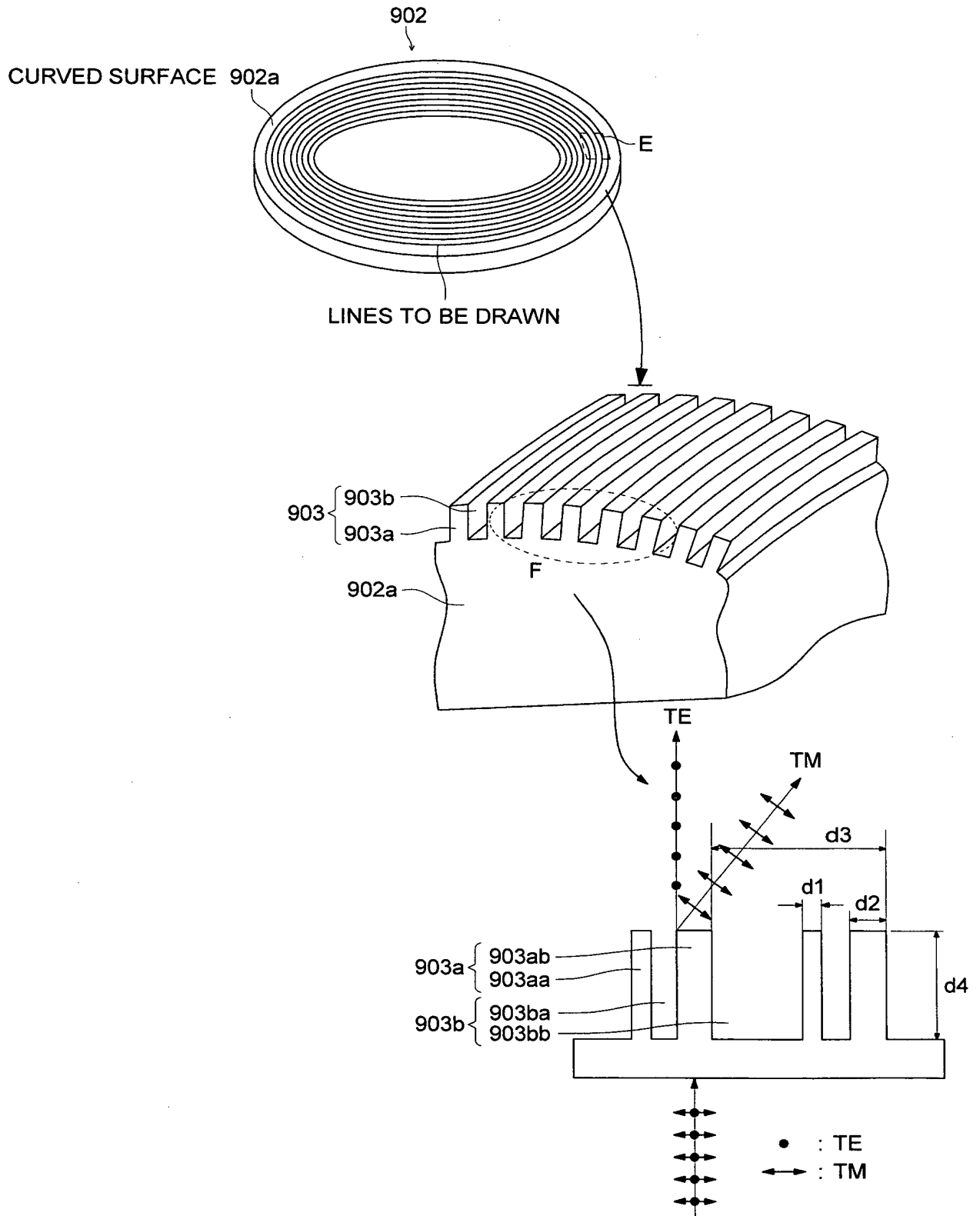


Figure 1 is a schematic diagram illustrating the manufacturing process of a curved surface antenna. The diagram is divided into three main sections:

- Top Section:** Shows a circular coil of lines (2) on a curved surface (4a). The label "LINES TO BE DRAWN" points to the coil. An arrow indicates the transition to the middle section.
- Middle Section:** Shows a 3D perspective of a curved surface (4a) with a series of rectangular ridges (5) drawn on it. The ridges are labeled 5a and 5b. A dashed line (F) indicates a cross-section. An arrow points to the bottom section.
- Bottom Section:** Shows a 2D cross-sectional view of the ridges (5) on the curved surface (4a). The ridges are labeled 5a and 5b. Dimensions d5, d6, and d7 are indicated. A vertical axis with a dot (•) represents the TE mode, and a horizontal axis with a double-headed arrow (↔) represents the TM mode. The angle ϕ is also shown.



 : TE
 : TM

FIG. 33

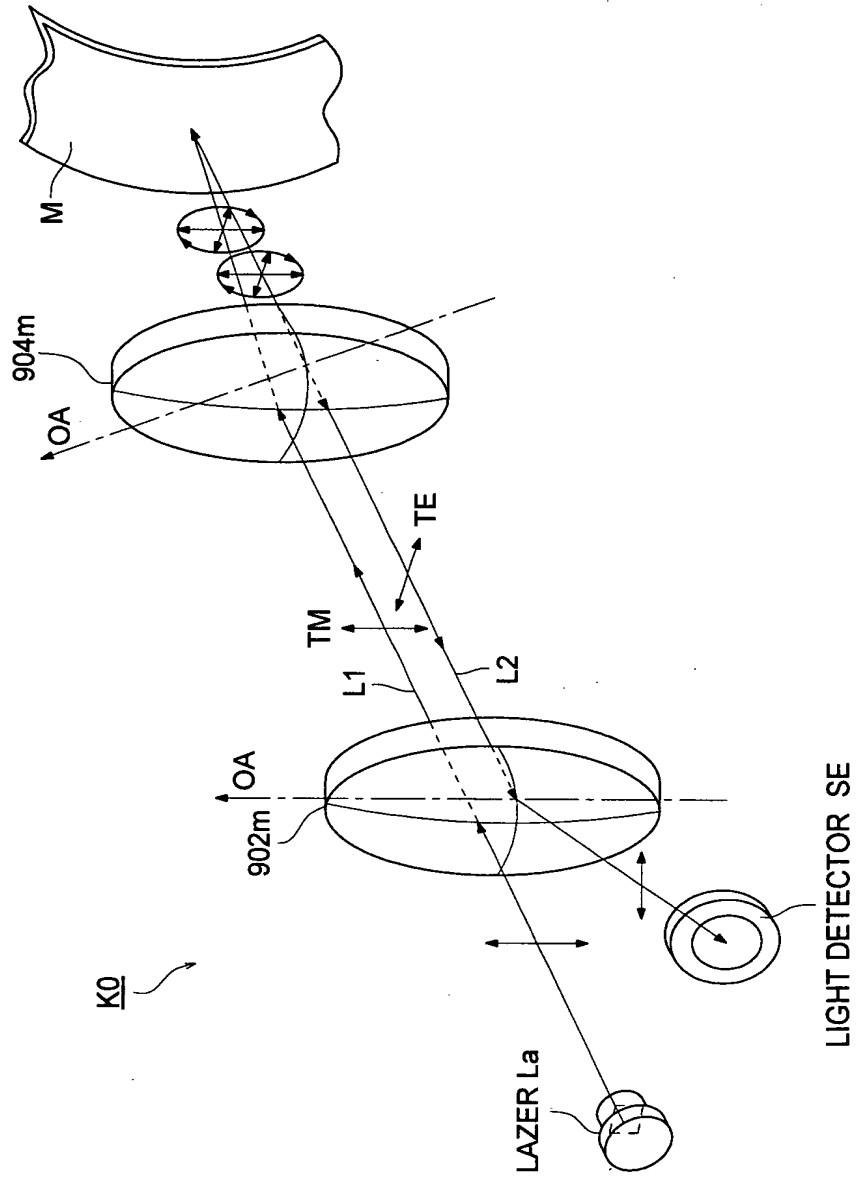


FIG. 34 (A)

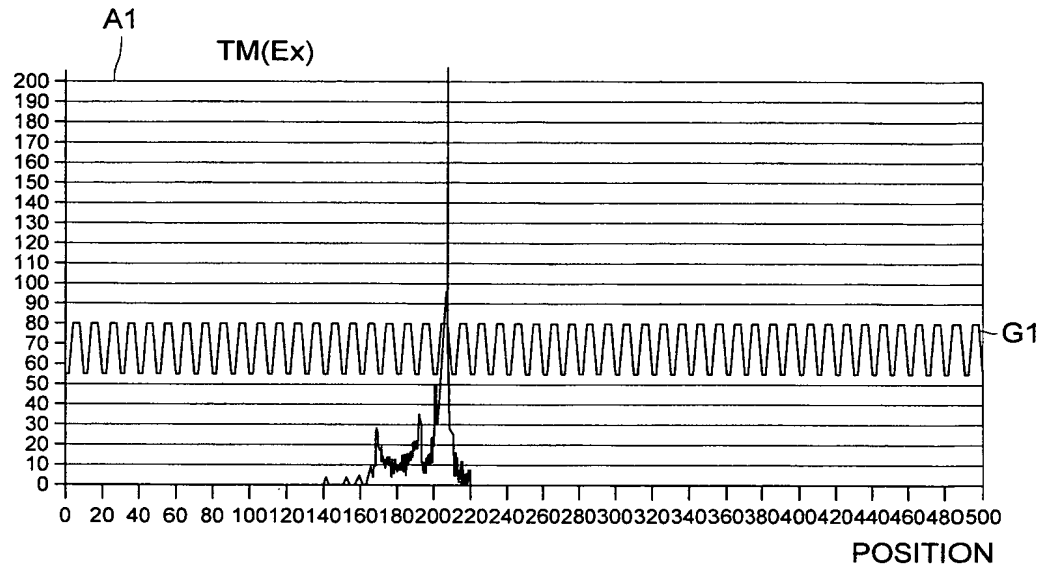


FIG. 34 (B)

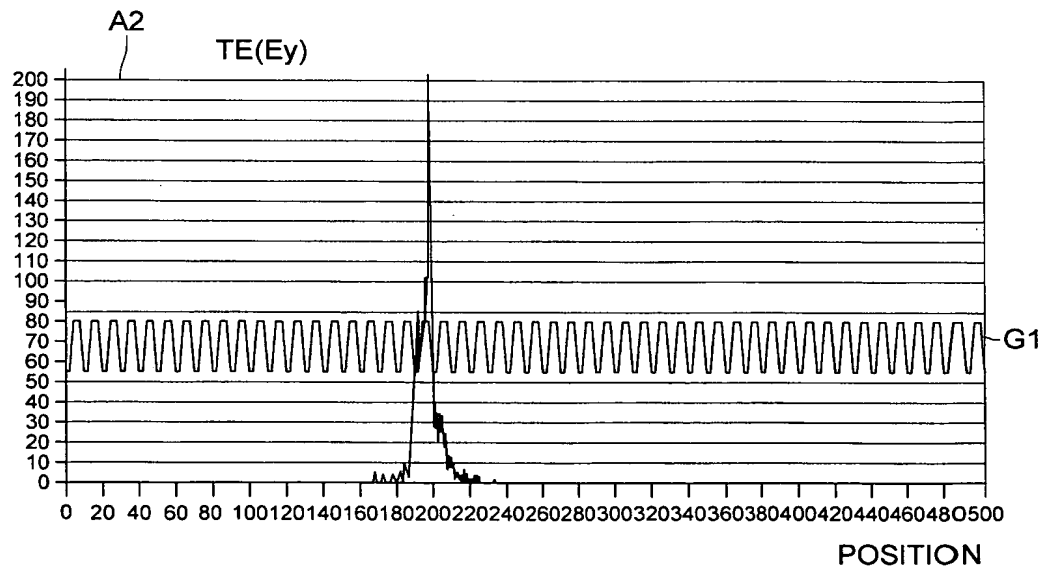


FIG. 35 (A)

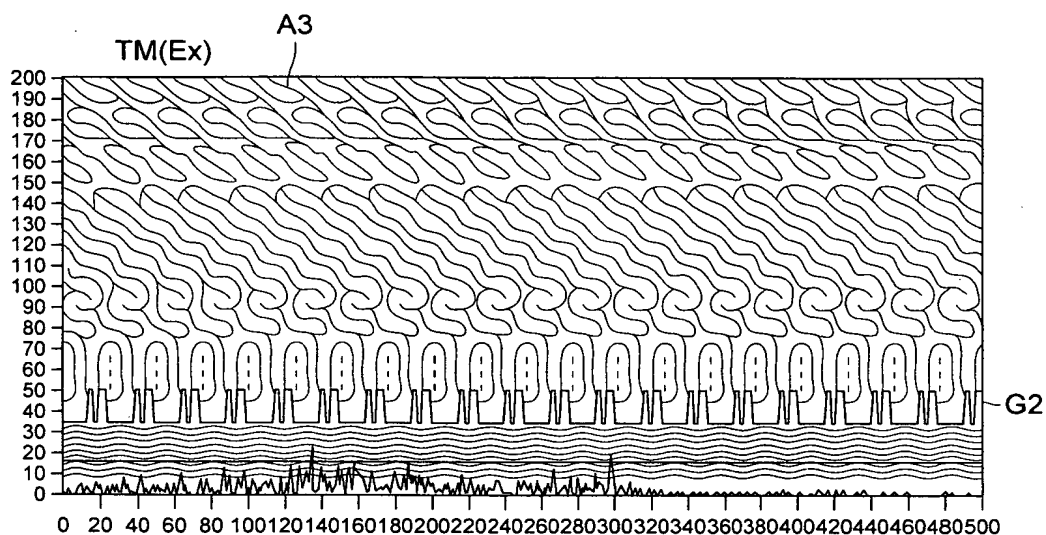


FIG. 35 (B)

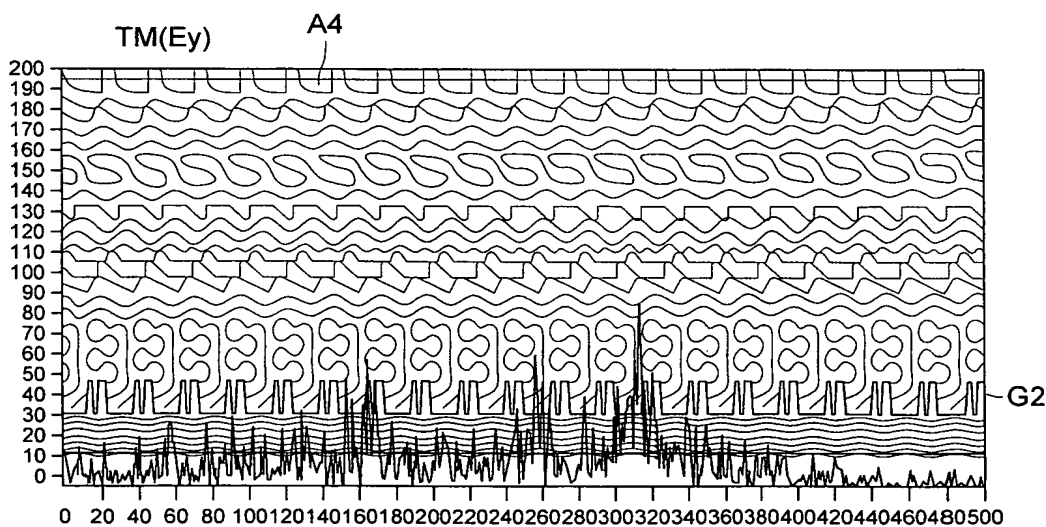


FIG. 36

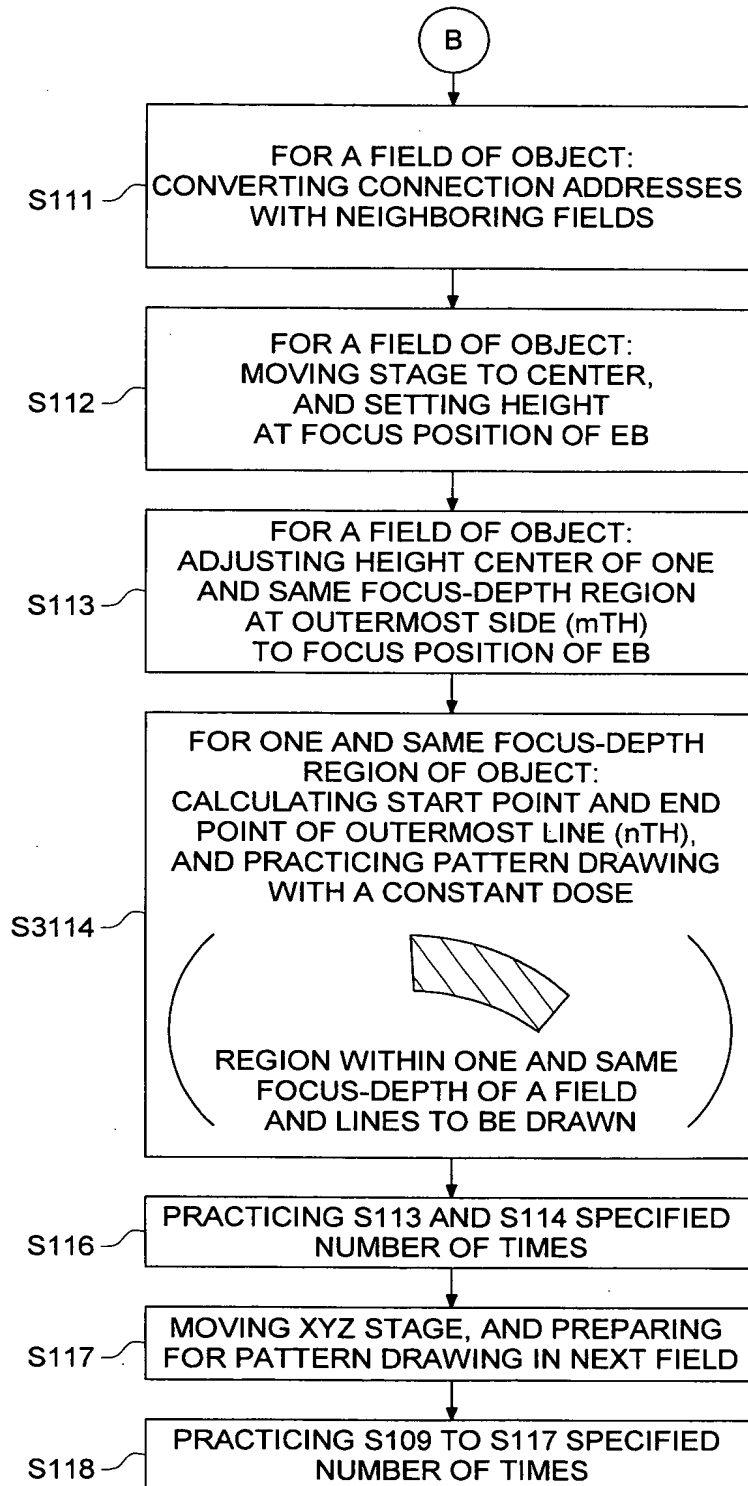


FIG. 37 (A)

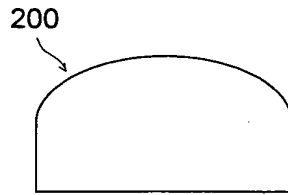


FIG. 37 (B)

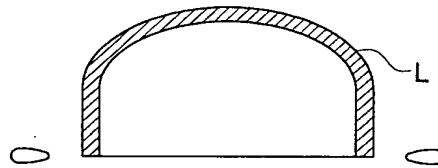


FIG. 37 (C)

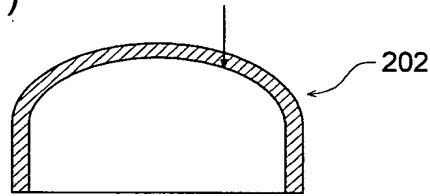


FIG. 37 (D)

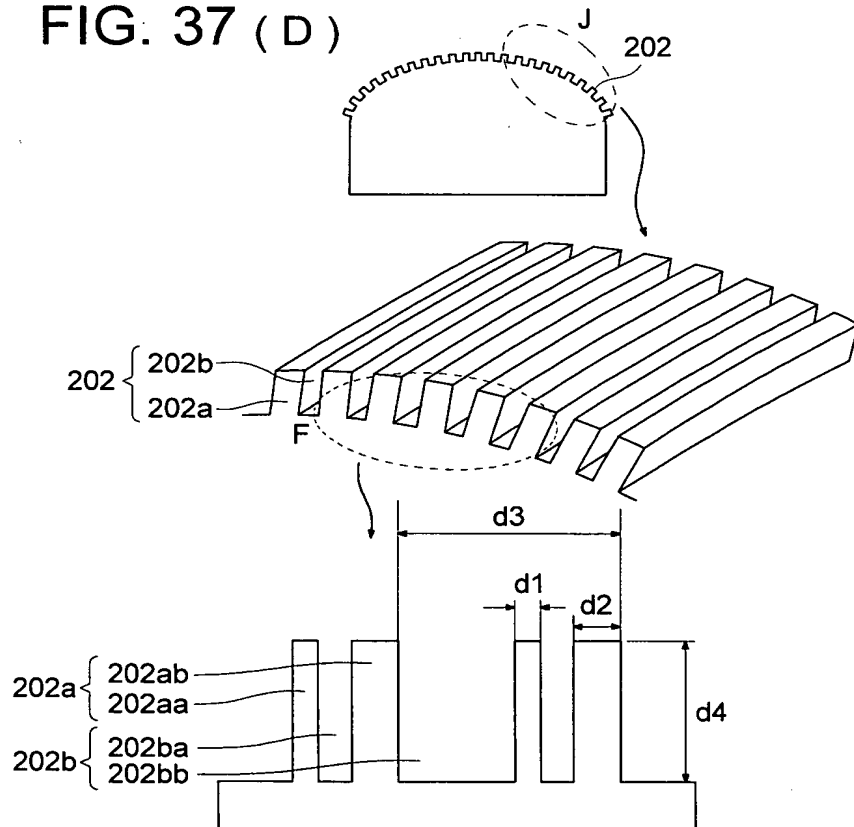


FIG. 38 (A)

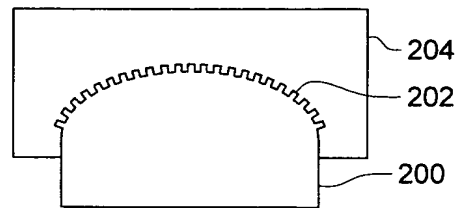


FIG. 38 (B)

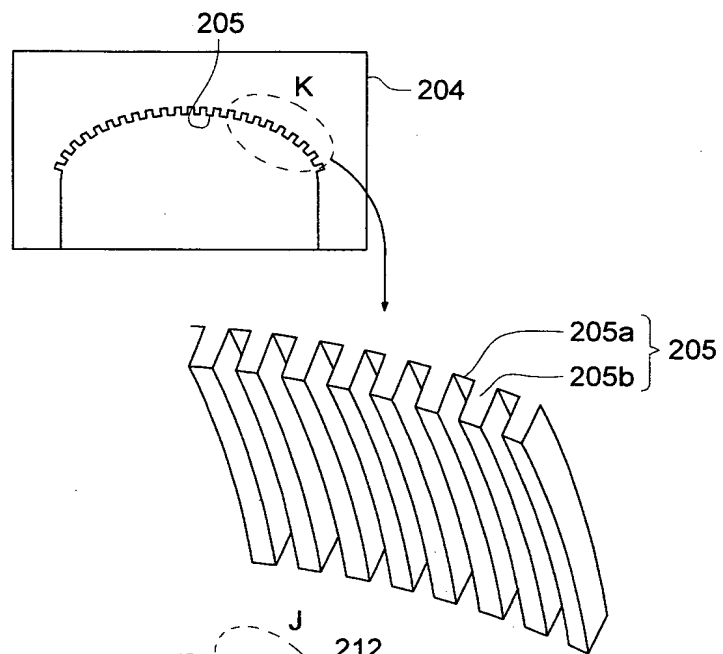


FIG. 38 (C)

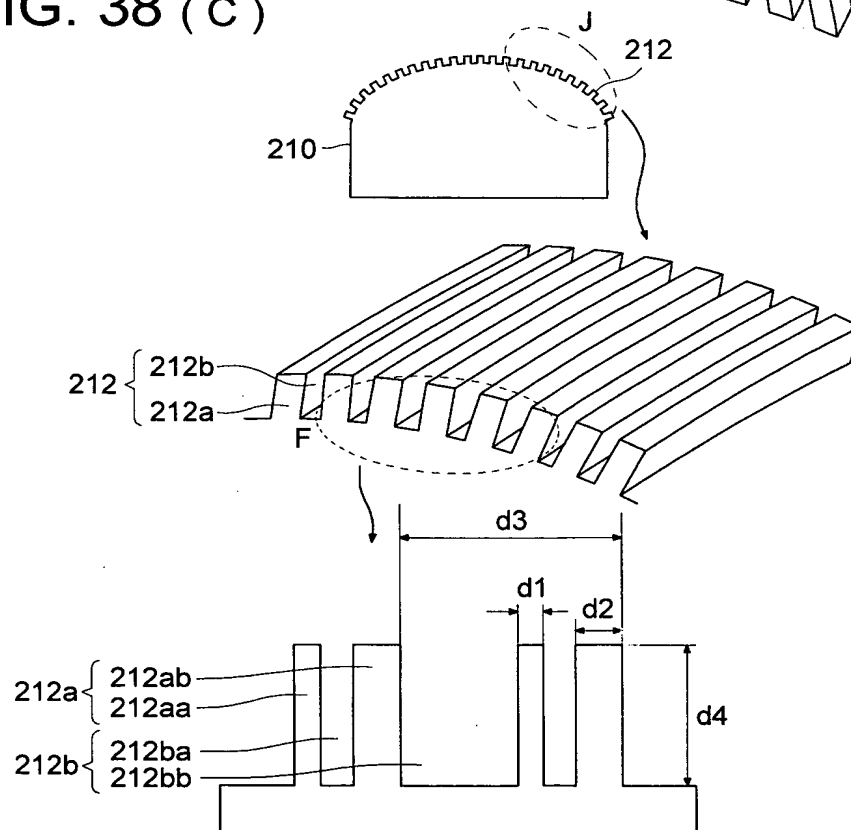


FIG. 39 (A)

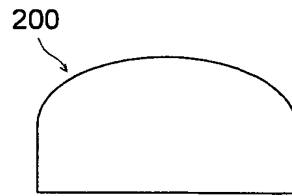


FIG. 39 (B)

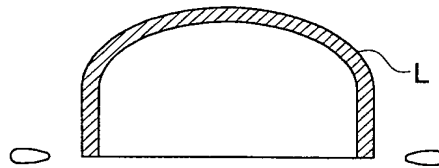


FIG. 39 (C)

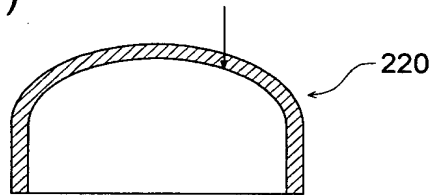


FIG. 39 (D)

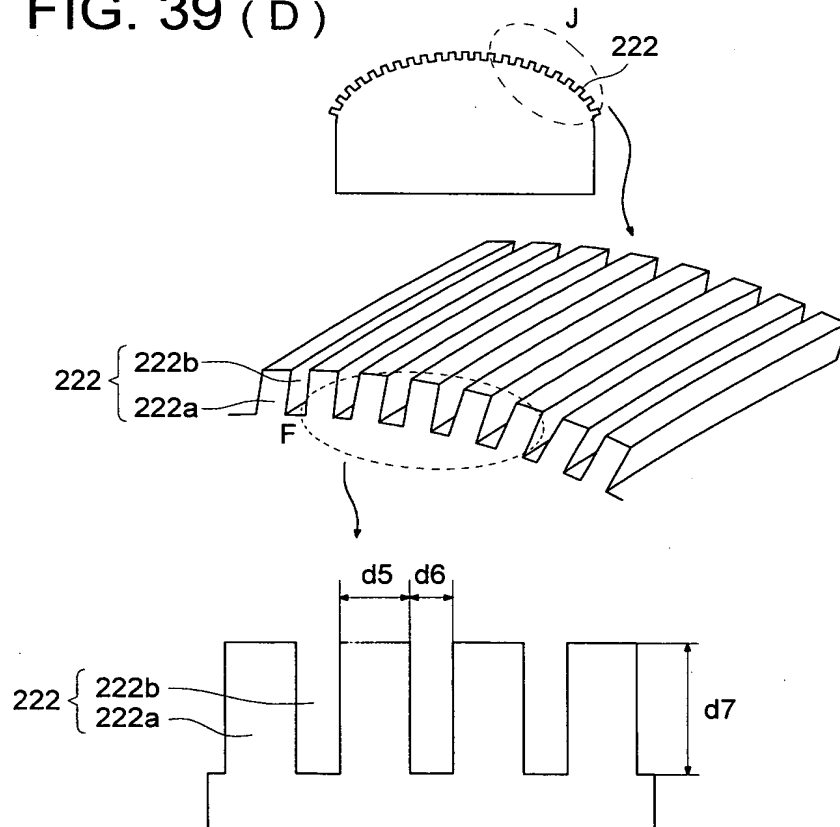


FIG. 40 (A)

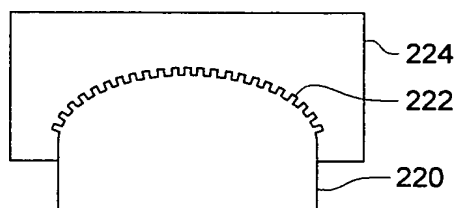


FIG. 40 (B)

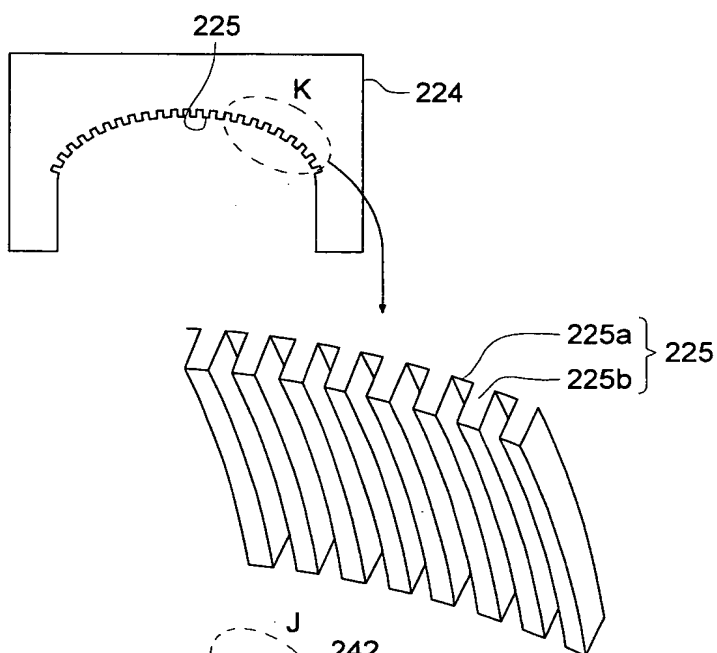


FIG. 40 (C)

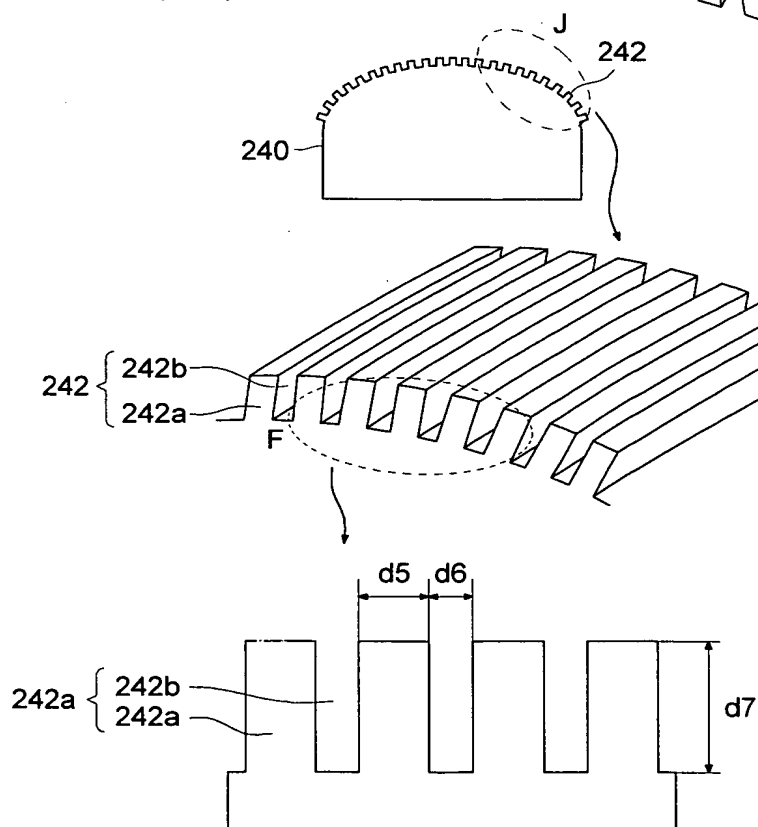


FIG. 41

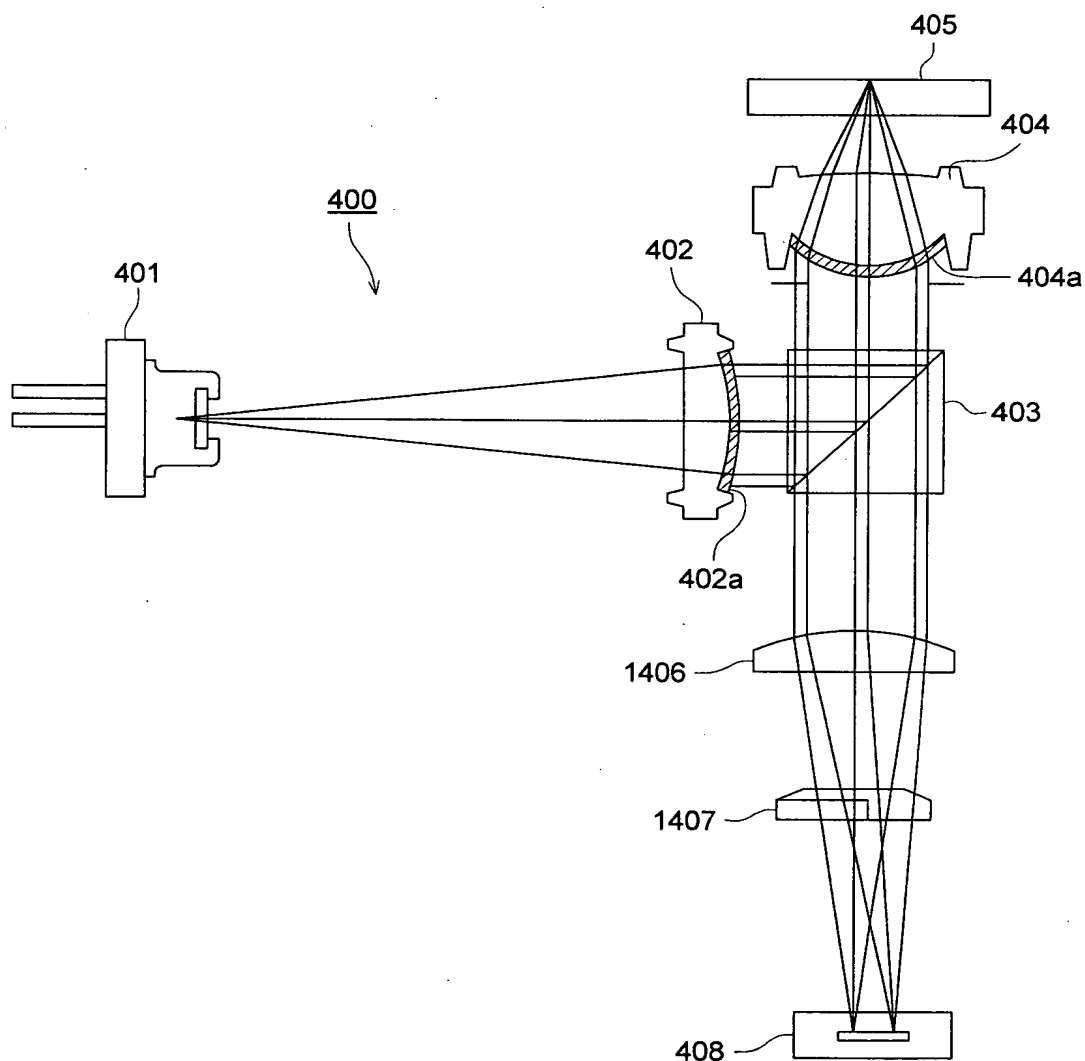


FIG. 42

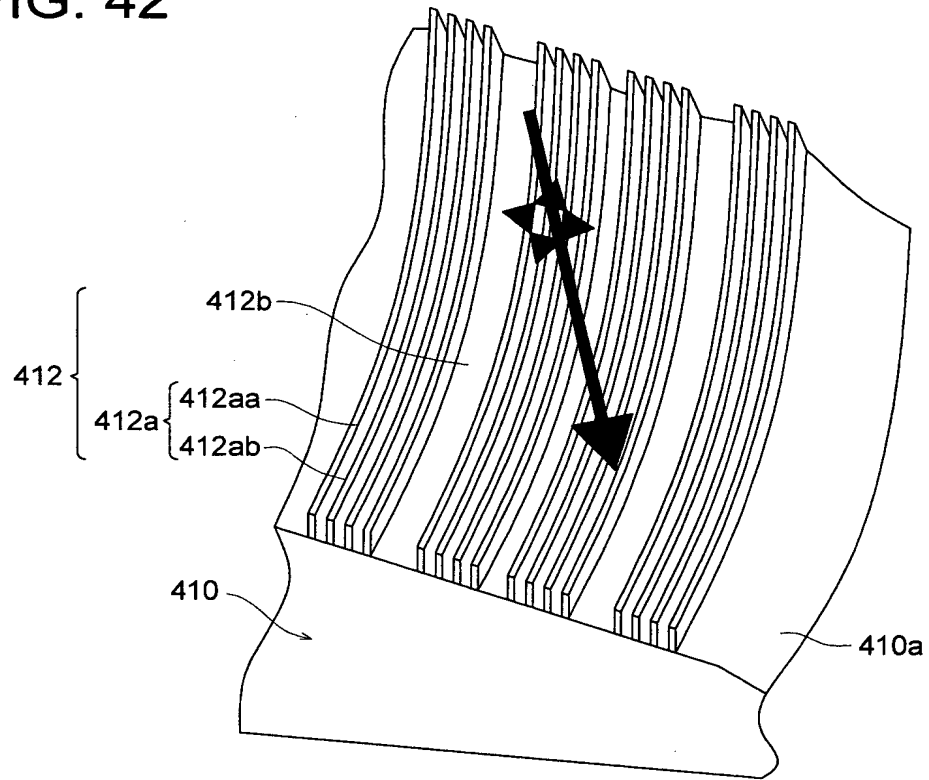


FIG. 43

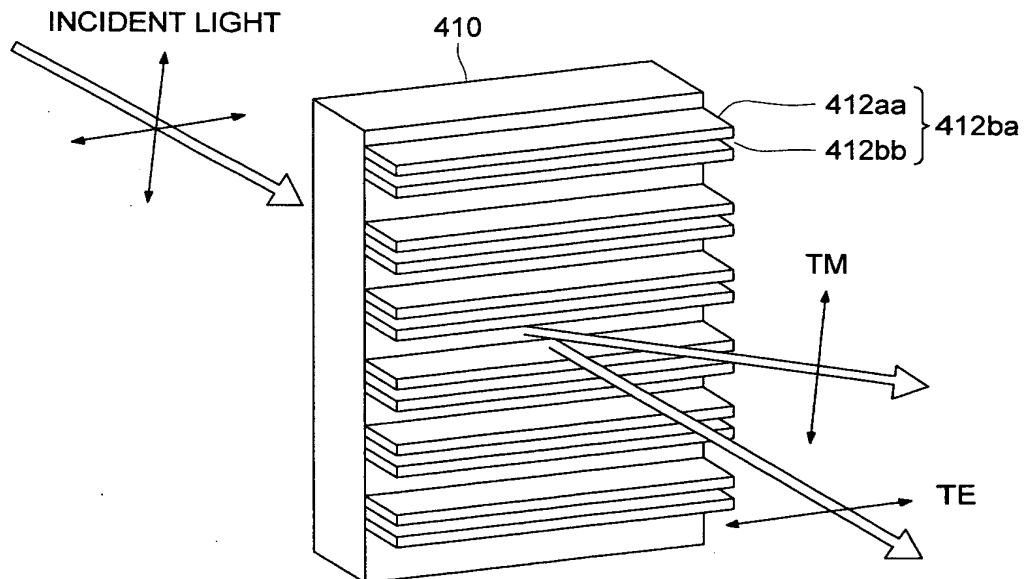
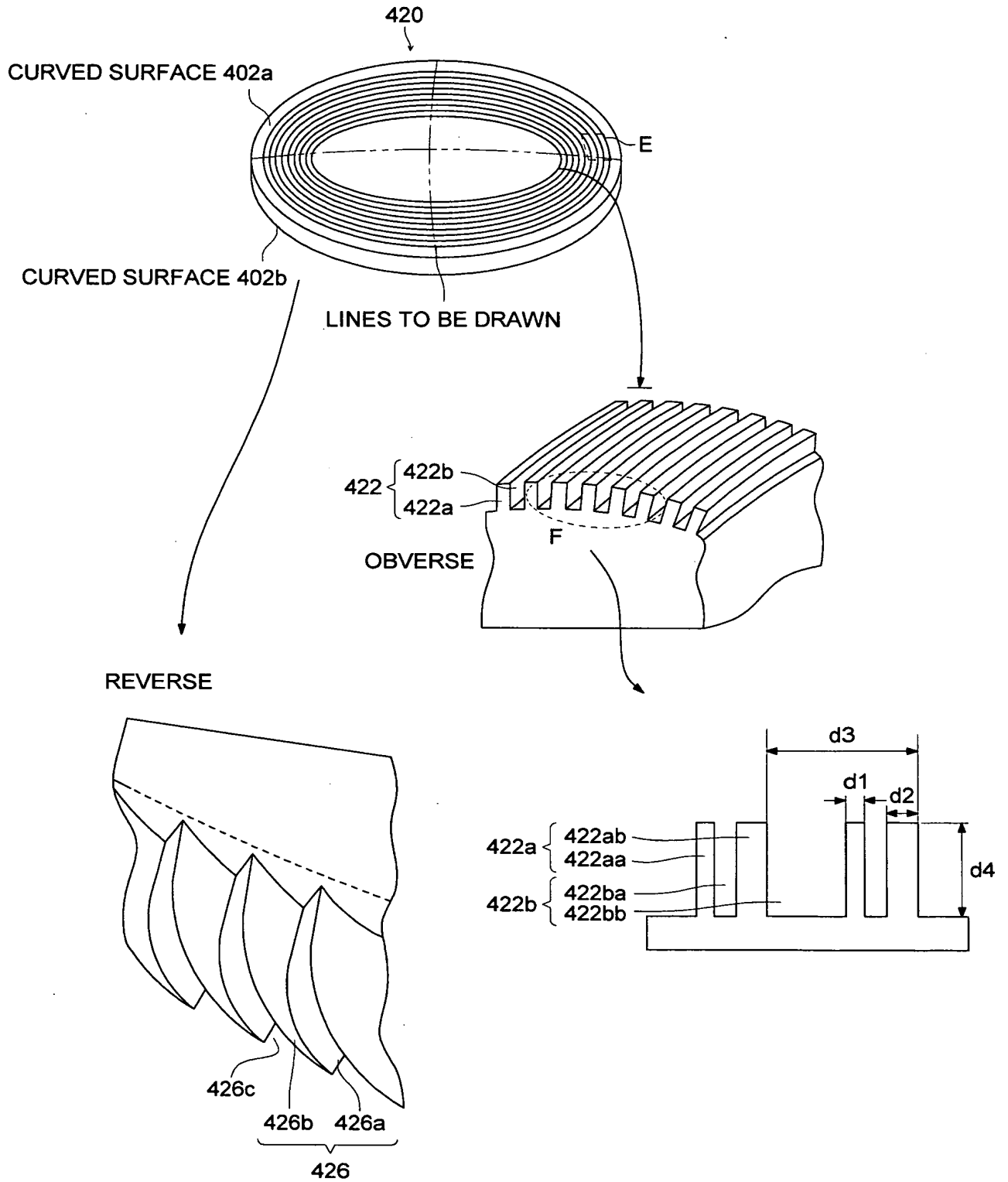


FIG. 44



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FIG. 45 (A)

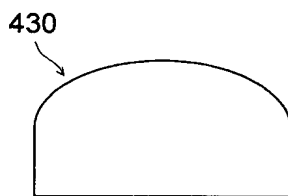


FIG. 45 (B)

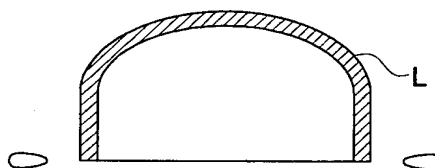


FIG. 45 (C)

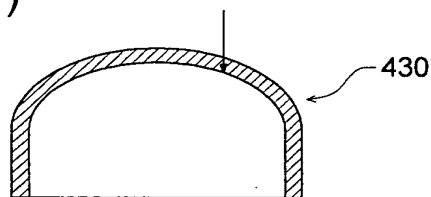


FIG. 45 (D)

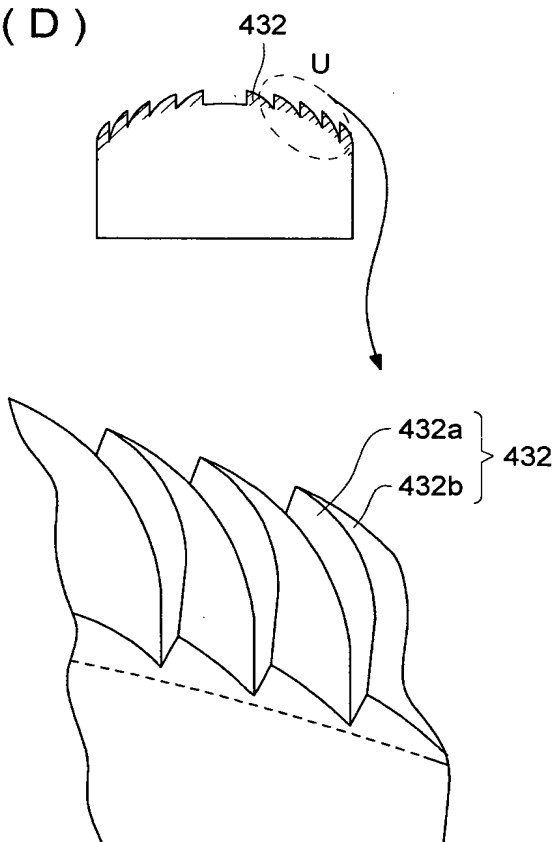


FIG. 46 (A)

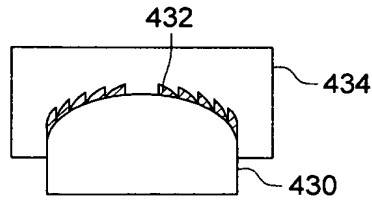


FIG. 46 (B)

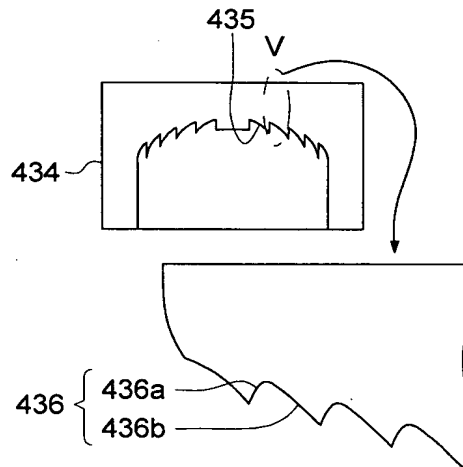


FIG. 46 (C)

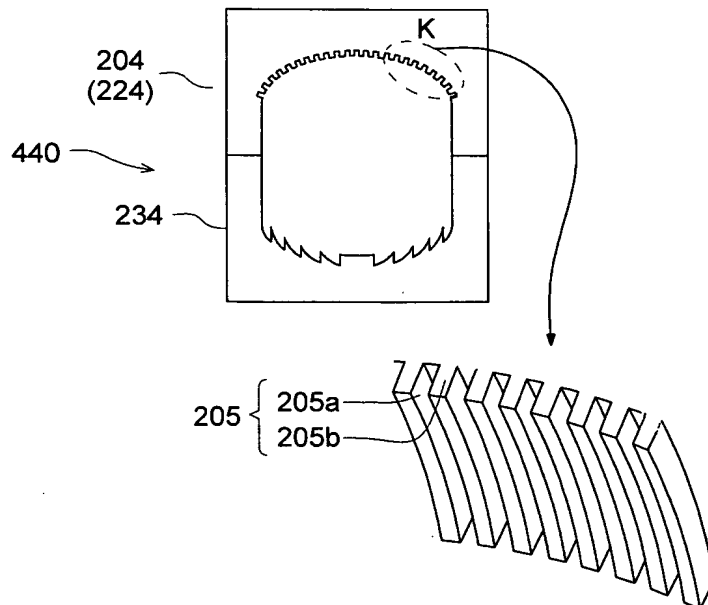


FIG. 47

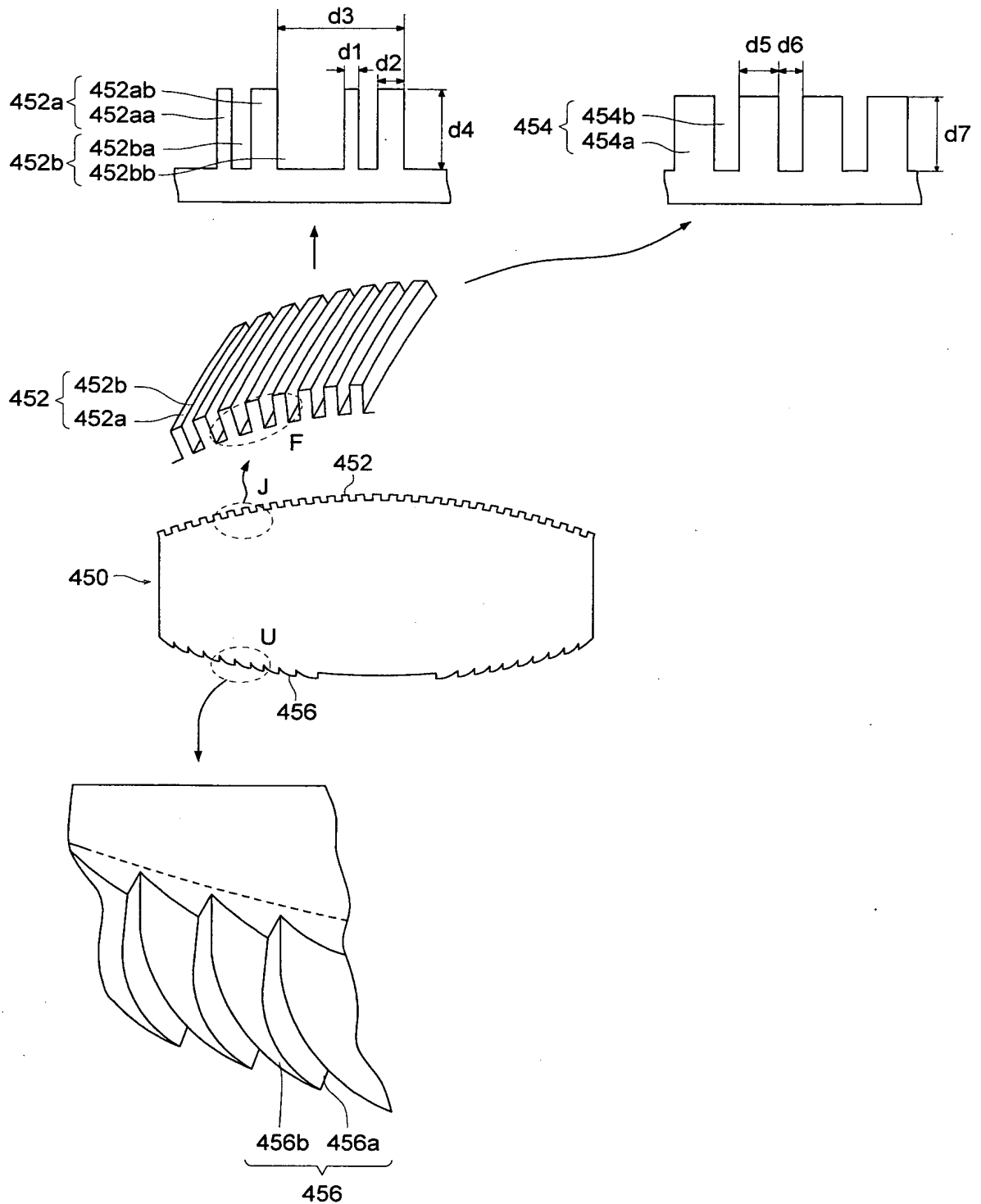
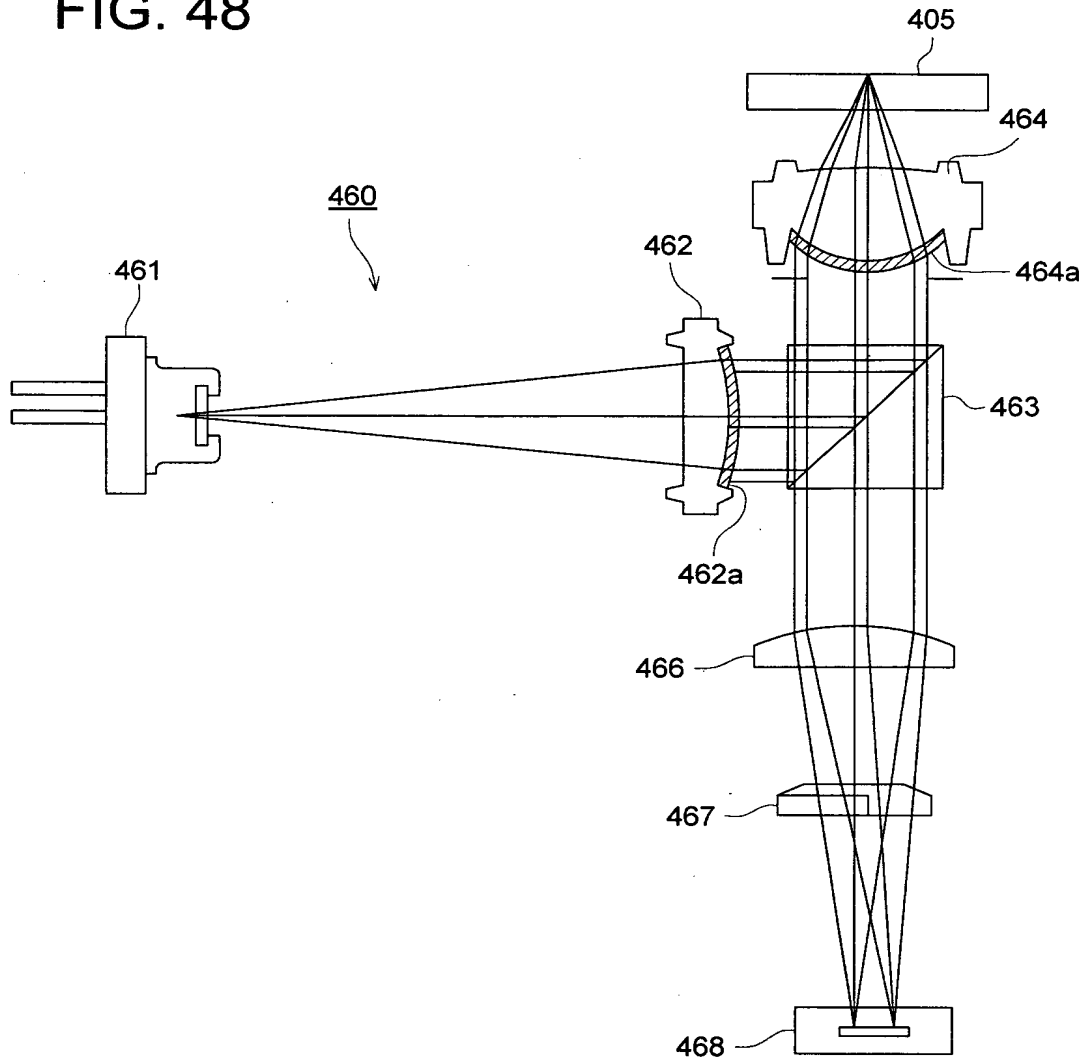


FIG. 48



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